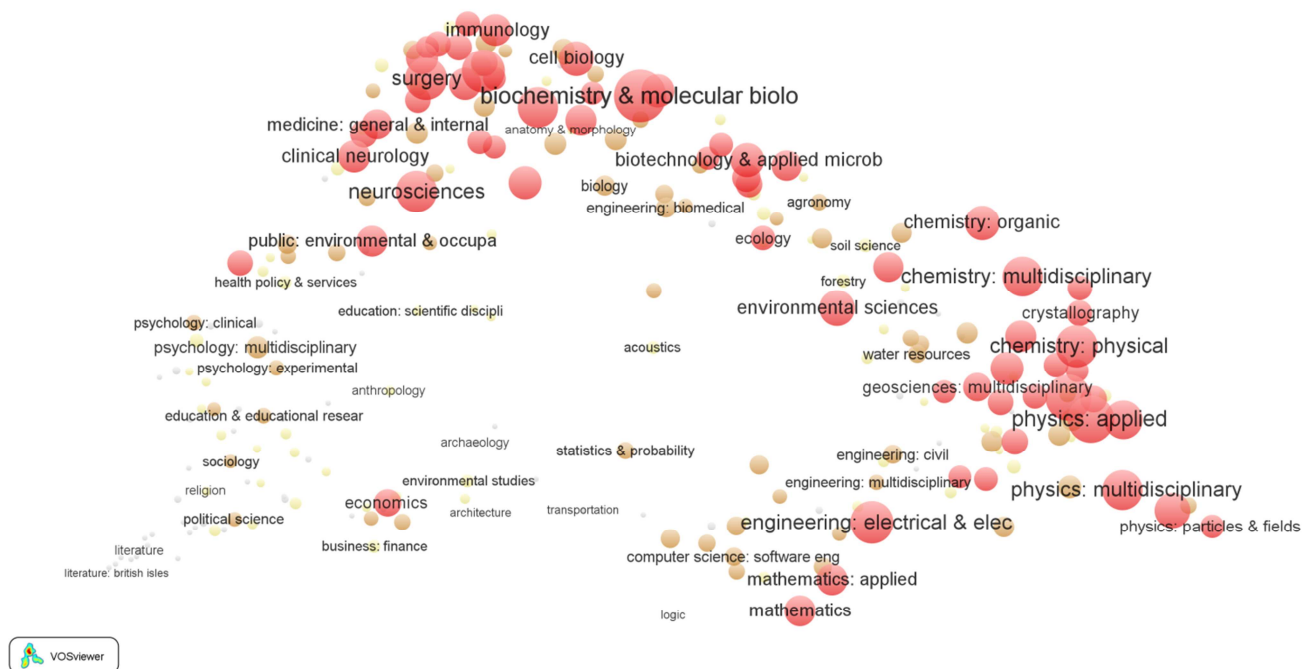
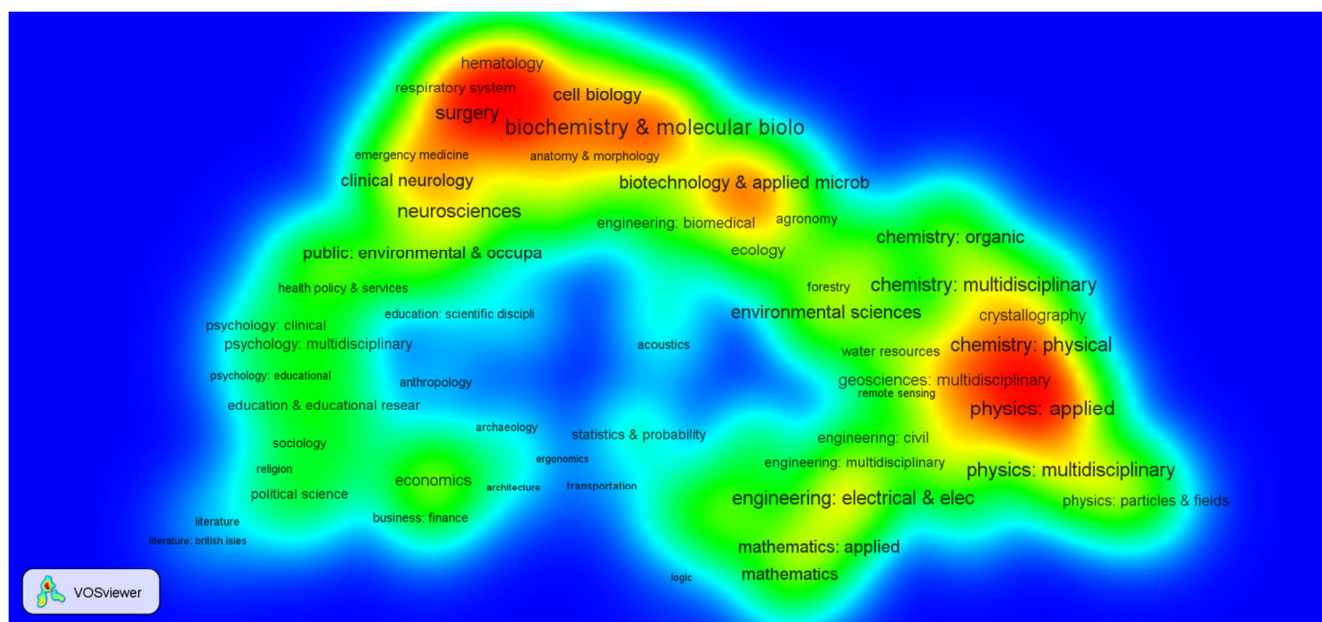


Appendix 1. Publications (Top: density map of P; bottom: P node size and cluster colors, red: 1st quartile, orange: 2nd quartile, yellow: 3rd quartile and grey: 4th quartile)



Appendix 2 . Main size-dependent indicators per subject category and indicators calculated for the re-classification ('reclas') of publications in the 'Multidisciplinary sciences' category

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tg s	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tg s reclas
acoustics	888.50	3810.33	6437.83	35.00	2.17	2.83	8.00	0.50	902.41	3921.88	6741.59	76.07	4.78	5.44	10.21	1.81
automation & control systems	1243.83	5709.67	6071.42	11.75	1.33	0.33	3.33	0.50	1253.13	5763.68	6221.44	26.17	2.89	1.62	3.92	1.65
agriculture: dairy & animal science	1482.83	6199.00	9699.83	104.17	7.00	1.17	28.83	0.33	1495.91	6342.78	10049.92	142.13	10.83	4.55	32.14	5.07
agricultural economics & policy	94.33	292.75	900.58	14.58	1.50	0.50	3.00	0.00	96.26	345.02	1097.19	32.79	3.84	1.35	4.62	0.45
agriculture: multidisciplinary	997.83	3917.75	6717.08	124.75	9.00	4.00	20.33	1.83	1014.40	4128.62	7271.28	183.46	14.54	5.34	24.97	6.66
engineering: aerospace	781.92	1704.08	3376.83	19.00	3.25	2.75	4.50	0.00	786.00	1743.88	3417.11	29.19	4.29	4.33	4.86	2.93
agronomy	1432.67	6677.17	12045.33	43.58	15.50	1.50	5.17	0.33	1460.84	7158.31	13108.81	234.07	24.58	6.97	14.55	3.50
allergy	431.17	4643.17	3803.42	489.58	25.33	6.00	63.50	24.17	448.55	4851.64	4083.27	539.98	26.97	6.21	68.15	27.37
anatomy & morphology	471.67	2050.83	4040.67	78.00	12.33	3.50	12.33	1.00	522.84	2771.23	5627.85	249.54	30.88	16.06	24.68	7.77
andrology	213.00	1332.50	1020.50	151.50	5.00	1.00	11.50	1.00	216.63	1368.58	1068.76	157.45	5.23	1.16	12.02	1.03
anesthesiology	1232.58	8475.42	12304.08	1043.25	20.50	3.83	129.83	6.17	1245.29	8635.61	12561.59	1077.73	22.47	4.62	132.99	6.92
biodiversity conservation	548.17	4184.67	17517.00	241.67	39.67	18.67	33.00	2.33	599.00	5177.69	20949.32	554.20	82.07	37.00	55.62	10.88
anthropology	549.18	2455.97	8933.28	257.07	84.17	19.33	26.48	7.83	572.30	2836.89	10238.78	559.41	118.67	46.83	47.59	25.79
archaeology	304.42	843.58	3101.17	63.50	17.42	3.67	6.50	2.50	310.55	968.03	3513.57	145.71	31.23	15.84	18.77	11.60
architecture	94.50	24.00	409.50	5.00	2.00	0.00	0.00	0.00	94.77	29.10	410.67	5.00	2.00	0.00	0.00	0.00
area studies	256.83	385.17	1551.00	85.00	4.33	1.50	7.50	0.00	257.80	396.89	1575.04	88.78	5.23	1.55	7.62	0.10
art	108.83	72.17	441.50	17.83	0.50	0.00	0.00	0.00	109.89	72.50	444.67	17.83	0.50	0.00	0.00	0.00
humanities: multidisciplinary	324.50	220.50	1165.00	116.00	8.50	1.50	2.00	0.00	325.26	231.37	1197.73	123.04	9.06	1.50	2.45	0.17
astronomy & astrophysics	6863.18	81175.38	41039.47	2760.67	393.92	132.25	182.83	171.00	6938.59	83646.86	43015.46	3367.42	521.46	238.31	210.68	204.15
psychology: biological	160.17	1268.08	2836.83	79.17	11.50	4.17	5.08	2.83	187.20	1672.15	4042.63	473.55	36.50	13.88	26.23	44.41
behavioral sciences	1127.75	9322.67	23811.75	754.83	94.33	39.67	75.08	21.00	1234.06	10719.32	28426.63	1569.30	152.81	65.19	120.21	83.77
biochemical research methods	3433.50	32907.48	61968.22	2038.23	151.70	26.92	99.42	71.58	3778.13	39428.87	75201.31	3004.20	223.85	53.54	159.12	102.85
biochemistry &	13900.95	155716.95	222251.72	6414.47	446.67	123.67	627.17	246.08	14636.67	169439.04	248018.82	8551.94	600.10	187.96	762.37	329.43

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
molecular biology																
biology	1875.92	14062.42	37879.33	1376.42	214.00	66.17	116.58	70.83	2195.85	19466.64	51405.31	2876.67	342.70	123.34	214.80	147.98
biophysics	2586.00	20243.50	31974.72	459.27	35.05	7.50	62.62	6.33	2916.42	26039.35	41933.87	1115.88	73.54	24.13	105.37	29.25
biotechnology & applied microbiology	5841.13	46440.32	93096.02	2317.47	151.28	28.20	227.95	54.50	6196.51	52956.88	106140.08	3367.03	234.81	59.66	298.52	94.23
plant sciences	4668.58	36457.00	64611.25	797.50	52.92	12.67	94.67	15.17	4772.25	38389.76	68953.39	1219.33	79.04	23.04	114.84	27.63
business	1224.50	4744.00	32665.17	358.33	23.83	3.50	31.83	7.50	1228.28	4793.91	32879.98	426.15	26.66	4.46	33.35	10.77
business: finance	865.92	3090.50	13088.08	115.50	7.00	0.00	12.50	0.00	870.19	3125.51	13277.27	275.63	11.31	1.27	38.77	13.88
oncology	9485.53	110555.48	86373.08	5703.57	191.02	99.28	1574.47	89.50	9718.08	114551.39	92241.73	6150.04	218.59	108.94	1612.50	107.22
cardiac & cardiovascular systems	5544.67	55787.67	42346.33	1921.42	77.17	25.00	221.67	21.50	5626.32	56877.70	43928.33	2080.07	84.88	29.04	233.88	25.69
cell biology	5809.67	90476.45	139144.63	4526.27	334.03	98.95	383.00	186.83	6435.72	102507.42	160652.16	6249.14	445.29	144.62	486.55	252.33
thermodynamics	1007.55	5841.15	6778.07	12.25	0.50	0.50	3.92	0.58	1015.62	5917.57	6872.72	21.49	1.85	1.32	4.53	1.53
chemistry: applied	2101.83	13570.67	13463.83	131.42	11.08	5.08	25.75	2.67	2126.46	14088.38	14157.06	187.55	17.42	7.75	29.27	4.40
chemistry: medicinal	2952.50	21885.92	21323.17	464.92	44.08	7.92	71.33	9.08	3011.90	23120.72	22996.66	598.51	56.42	12.98	81.82	19.76
chemistry: multidisciplinary	8681.77	120420.68	108942.33	2424.53	429.28	79.83	100.92	57.83	8813.57	124218.18	114459.35	2854.25	468.74	103.75	123.62	84.64
chemistry: analytical	4972.17	41422.00	35457.97	1052.35	31.22	16.33	49.12	8.42	5043.23	42865.08	37789.91	1315.36	49.51	28.24	61.58	16.39
chemistry: inorganic & nuclear	3307.58	26590.58	15602.67	229.17	9.25	2.00	53.67	12.00	3326.90	27567.01	16489.58	388.18	20.57	10.85	57.06	15.03
chemistry: organic	6348.12	53412.37	34712.48	458.58	175.08	9.25	40.17	5.50	6383.14	54555.73	36106.02	576.89	187.55	16.31	45.23	8.71
chemistry: physical	9355.93	85389.53	81524.48	1114.98	140.80	21.18	66.58	57.75	9447.97	88261.99	85467.32	1358.03	173.30	43.43	76.37	71.12
classics	63.00	16.00	43.50	1.00	0.00	0.00	0.00	0.00	63.08	16.83	46.50	1.17	0.00	0.00	0.00	0.00
computer science: artificial intelligence	2033.95	9065.75	21530.22	95.38	4.17	0.83	11.67	3.17	2062.06	9349.21	22603.28	201.60	10.62	2.43	15.81	8.09
psychology: clinical	1386.67	8745.42	22086.42	1145.33	71.83	19.50	80.42	167.83	1404.80	9007.97	22780.19	1304.61	80.07	22.94	88.66	173.95
computer science: cybernetics	170.17	823.33	2237.33	18.33	1.00	0.00	0.83	1.83	178.47	899.44	2567.84	37.40	1.73	0.27	1.23	2.67
computer science: hardware & architecture	665.50	1251.25	4518.67	39.17	1.42	0.50	3.08	2.50	673.12	1334.02	4762.24	169.97	5.09	1.56	28.87	13.32
computer science: information	1964.03	6472.18	20778.77	327.77	33.87	2.50	13.42	10.28	1980.01	6628.29	21287.11	526.06	40.20	4.01	40.41	24.37

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
systems																
communication	393.50	1360.67	8023.33	469.17	18.67	6.50	24.00	10.25	395.41	1372.18	8099.04	504.97	20.43	7.10	24.86	12.43
computer science: interdisciplinary applications	1974.05	9165.30	21560.03	311.70	27.48	2.50	14.00	7.62	2030.47	9762.77	23068.71	488.29	41.60	10.58	28.78	13.09
computer science: software engineering	1756.28	5159.50	17183.22	160.72	4.67	0.50	7.25	4.00	1770.83	5262.81	17519.62	196.33	7.72	1.63	8.30	6.65
computer science: theory & methods	1443.87	3156.67	10061.88	130.88	5.50	4.50	5.92	5.17	1463.31	3370.39	10587.74	214.35	13.80	7.62	8.91	9.85
construction & building technology	758.58	3377.92	7037.75	16.17	0.83	0.50	3.42	0.50	767.54	3396.77	7066.59	27.95	1.61	0.63	3.68	0.74
criminology & penology	451.17	1626.17	4512.33	305.67	4.67	6.17	3.83	0.50	452.46	1636.92	4537.93	311.94	5.00	6.23	3.88	0.65
emergency medicine	1036.00	4190.75	7550.50	942.50	78.50	9.25	83.50	6.75	1041.17	4246.46	7648.40	983.89	80.51	9.81	88.44	8.38
crystallography	3513.70	6562.37	4145.30	20.22	3.25	1.00	9.00	2.00	3548.12	7322.60	5237.76	93.76	7.62	3.78	12.23	3.71
dance	19.00	30.00	66.00	1.00	0.00	0.00	0.00	0.00	19.00	30.00	66.00	1.00	0.00	0.00	0.00	0.00
demography	201.17	695.33	1934.00	81.17	7.50	2.50	2.50	1.00	206.10	756.42	2190.73	159.83	12.63	4.37	7.35	7.90
dentistry/oral surgery & medicine	2676.17	12107.83	27406.17	882.00	18.83	6.50	89.00	6.00	2688.02	12234.80	27627.66	906.92	20.88	7.52	91.60	10.37
dermatology	2270.42	11539.50	11105.25	755.25	24.83	9.83	71.92	4.00	2300.21	11932.27	11688.37	808.93	28.63	11.60	76.69	5.35
geochemistry & geophysics	3329.93	22626.05	31522.38	333.75	31.00	20.25	36.00	5.00	3378.98	23862.98	33647.72	648.13	90.55	87.84	55.26	20.03
substance abuse	703.50	4795.17	6767.50	606.83	28.00	17.00	30.00	5.33	711.83	4897.38	6969.09	644.89	30.40	18.07	32.48	6.66
ecology	3074.47	26281.08	101680.58	1258.08	257.95	75.53	210.23	24.73	3223.86	28918.95	109941.89	2182.46	361.65	122.81	265.24	69.28
economics	3987.08	14249.65	45210.92	1256.65	140.75	33.33	42.95	33.83	4010.86	14594.51	46581.14	1699.56	167.43	43.66	80.71	58.70
education & educational research	1334.83	3859.83	24477.42	645.67	18.50	7.75	31.67	5.00	1342.95	3919.97	24712.99	788.71	23.74	8.99	35.75	8.11
education: scientific disciplines	601.50	2076.83	6999.08	537.00	22.00	1.75	37.33	9.50	607.20	2170.23	7159.55	585.06	26.58	3.55	41.10	14.30
education: special	309.50	1367.08	3653.92	85.25	3.25	0.50	14.42	1.00	311.45	1406.91	3741.60	99.01	4.20	0.64	16.07	1.46
psychology: educational	448.67	2168.50	8031.25	208.42	16.50	9.00	4.83	2.00	454.17	2250.61	8379.41	322.48	22.54	10.31	10.03	14.81
electrochemistry	2860.50	24501.25	22838.22	46.77	3.30	0.00	14.70	2.00	2872.08	24842.35	23307.72	87.36	6.69	3.09	16.12	4.60
evolutionary biology	1019.00	13366.50	32811.83	702.33	161.50	40.83	76.17	31.17	1186.32	16181.26	41230.07	1651.45	269.12	98.47	136.57	78.75

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
developmental biology	1009.92	12098.17	21064.25	436.25	96.83	6.83	27.17	16.17	1239.36	16626.20	29572.29	989.36	132.30	20.67	64.56	28.37
endocrinology & metabolism	5387.92	57001.50	49263.50	3328.67	139.17	48.83	641.25	60.17	5553.50	59365.30	52742.46	3639.06	160.19	58.10	681.79	73.25
energy & fuels	3450.48	34702.77	54988.47	256.98	27.88	10.02	26.83	6.33	3466.03	35290.08	55659.34	308.72	32.92	12.56	28.64	9.51
engineering: multidisciplinary	1316.80	4690.90	6440.73	140.25	3.50	2.50	2.67	0.83	1331.80	4762.12	6550.70	154.53	5.47	4.15	2.80	2.09
engineering: biomedical	2151.27	16009.72	27158.55	359.03	20.25	6.00	34.83	6.00	2191.55	16568.01	28553.34	469.74	30.76	11.63	43.25	11.62
engineering: environmental	1703.40	16911.18	21032.73	301.25	23.83	27.17	25.00	5.67	1720.08	17248.18	21752.83	379.10	32.13	30.09	29.62	8.65
engineering: chemical	5688.33	39096.85	40354.05	124.67	5.25	6.75	29.42	1.75	5706.70	39723.29	40953.70	174.40	11.01	9.84	31.55	4.40
engineering: industrial	444.67	1853.00	5943.17	35.33	1.33	0.00	2.67	0.00	452.26	1865.74	5970.80	37.66	1.51	0.00	2.89	0.04
engineering: manufacturing	665.25	2528.67	5046.08	23.83	1.33	0.00	1.83	0.00	674.86	2547.18	5079.18	30.68	1.86	0.47	2.69	0.28
engineering: marine	90.25	197.25	350.00	2.25	0.00	0.25	0.00	0.25	91.46	207.52	371.44	3.58	0.13	0.30	0.00	0.38
engineering: civil	2013.83	8564.18	13883.42	43.35	0.87	1.45	5.12	0.25	2034.24	8638.27	14075.58	64.08	2.23	2.08	6.21	0.92
engineering: ocean	138.92	460.67	826.83	7.75	1.00	0.25	0.00	0.25	140.87	503.84	922.19	24.68	4.13	1.58	1.13	0.95
engineering: petroleum	107.20	240.37	661.90	1.50	0.00	0.00	0.83	0.00	110.26	258.99	708.20	6.24	1.05	1.37	1.29	0.14
engineering: electrical & electronic	9864.43	39553.65	56543.62	150.95	23.28	5.42	23.00	14.15	9910.36	40263.17	58232.55	424.65	36.94	12.04	55.61	34.27
engineering: mechanical	2912.08	10370.95	14112.58	17.50	1.50	0.83	13.92	2.08	2937.40	10486.46	14287.60	42.32	4.57	3.49	15.15	4.07
entomology	1470.17	6204.00	11664.33	217.83	23.00	11.67	18.00	0.00	1508.15	6657.08	12845.37	339.77	40.02	21.46	29.43	10.61
environmental sciences	6646.97	53999.40	98030.60	1890.17	220.83	106.92	233.58	44.42	6735.43	55941.24	102810.36	2399.60	279.60	133.12	264.84	62.77
environmental studies	871.32	4650.02	17822.52	298.20	56.98	13.90	17.07	6.57	883.41	4966.05	18872.28	407.29	66.37	17.39	23.39	9.28
ergonomics	118.75	428.00	2199.17	32.33	2.00	0.75	0.58	0.33	120.50	435.44	2222.52	35.27	2.06	0.75	0.75	0.33
ethnic studies	71.10	155.30	695.45	34.65	1.00	0.00	1.90	0.00	71.37	156.57	699.34	34.80	1.00	0.00	1.90	0.00
family studies	372.92	1188.17	3973.25	183.33	5.50	1.67	11.92	0.50	375.09	1211.39	4028.11	225.81	7.18	2.85	15.68	1.70
film: radio: television	71.50	53.50	298.50	11.00	0.00	0.00	2.00	0.50	71.50	53.50	298.50	11.00	0.00	0.00	2.00	0.50
fisheries	1071.50	4299.92	10262.17	65.83	6.00	1.50	20.92	0.00	1093.82	4652.23	11466.60	153.52	17.10	5.87	29.25	1.54
folklore	11.00	1.00	5.00	0.00	0.00	0.00	0.00	0.00	11.06	1.50	8.06	0.06	0.11	0.06	0.06	0.00

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
food science & technology	4423.50	25986.25	34406.17	724.58	38.42	16.17	158.17	11.00	4463.02	26521.37	35665.29	943.06	48.88	23.27	173.08	30.78
forestry	971.33	4906.67	12952.33	56.00	9.00	0.00	30.33	2.33	987.54	5238.89	13879.15	121.27	16.08	3.68	35.40	4.58
gastroenterology & hepatology	3818.17	37667.67	25031.17	1336.67	50.00	17.83	165.33	14.83	3894.49	38929.96	26651.49	1484.64	58.16	20.32	177.53	22.14
genetics & heredity	4543.58	60402.92	105967.00	3965.75	347.00	60.08	534.25	112.75	5065.54	69908.54	125234.71	5547.36	471.51	113.29	642.13	162.75
geography	628.30	2730.83	9687.83	197.33	9.53	3.70	13.40	6.40	634.17	2856.32	10103.33	241.78	14.01	5.91	15.88	7.45
geography: physical	760.55	5426.08	14185.08	112.83	38.87	11.03	23.23	0.90	794.95	6198.74	16370.95	399.74	78.93	34.89	39.32	11.18
geology	507.67	3419.83	5516.83	42.50	22.00	9.00	13.33	6.00	526.24	3827.18	6332.90	196.25	42.50	23.61	22.01	10.46
geosciences: multidisciplinary	4123.10	29435.77	46884.10	1469.03	248.53	128.78	151.33	22.67	4201.84	31209.46	50755.77	2100.65	344.11	206.11	184.44	52.76
geriatrics & gerontology	986.50	7248.17	10084.17	421.17	30.83	7.50	50.00	6.67	1019.68	7720.07	10917.70	503.13	37.76	10.42	57.64	9.73
health policy & services	851.30	4407.10	9746.40	936.38	60.92	17.50	61.50	11.50	867.85	4551.48	10018.78	986.84	62.95	18.00	63.83	12.50
hematology	3160.33	36271.28	33430.22	1011.52	37.28	9.20	169.50	4.33	3319.50	38998.07	37224.27	1306.85	56.49	18.05	199.07	10.08
history	781.58	564.17	1598.50	158.25	4.00	2.50	18.92	1.50	783.87	569.97	1629.59	163.36	4.50	2.60	19.02	1.71
history & philosophy of science	447.17	735.42	3379.58	333.25	35.67	4.00	16.83	6.50	453.81	780.92	3571.02	388.94	38.77	4.50	18.43	8.19
history of social sciences	150.42	205.33	727.25	49.33	0.83	0.00	1.42	0.00	150.90	206.58	731.45	49.48	1.08	0.00	1.42	0.00
horticulture	428.67	1759.83	3069.00	10.25	7.33	0.00	3.33	0.33	442.40	1912.24	3373.90	34.84	8.88	0.86	4.72	1.28
psychology: developmental	1032.33	7035.33	19665.17	789.17	66.42	17.00	81.42	11.50	1049.38	7314.00	20495.25	1071.88	81.09	21.45	98.58	27.78
public: environmental & occupational health	5045.13	32035.95	52202.48	6455.12	206.53	90.45	478.17	57.08	5164.35	33370.85	54487.24	6925.53	229.36	102.93	507.60	71.36
immunology	5364.83	64609.25	75681.67	2555.50	115.08	42.83	341.25	48.58	5646.05	69201.82	82312.48	3271.84	156.06	60.64	415.52	81.19
industrial relations & labor	144.83	304.50	1301.67	74.00	3.00	1.83	3.00	2.00	145.73	313.99	1338.21	103.33	3.82	2.06	6.29	3.48
infectious diseases	2769.33	24605.17	26199.33	1742.83	64.67	31.17	147.33	5.50	2919.51	26744.93	29536.47	2211.82	93.12	43.23	198.86	31.50
psychology: applied	578.00	2824.17	13493.42	318.25	19.50	9.50	7.33	4.33	582.30	2864.41	13644.21	443.35	25.96	10.77	9.20	8.85
information science & library science	549.70	2023.43	12345.27	430.60	17.70	2.00	15.00	9.87	556.25	2064.83	12517.28	499.59	21.90	3.03	16.61	12.03
instruments & instrumentation	2378.80	10466.77	11990.68	172.20	10.12	2.50	15.75	11.32	2396.44	10880.04	12709.16	322.35	18.18	8.52	20.29	15.49
international	554.17	1424.33	6161.33	264.33	17.50	4.00	12.83	12.00	558.18	1488.74	6408.30	333.07	22.07	7.44	14.38	14.91

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tg	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tg reclas
relations																
law	417.00	819.67	2457.75	140.25	10.00	2.83	7.25	0.00	419.08	846.78	2565.83	190.57	13.19	4.00	8.84	2.47
medicine: legal	574.22	2361.93	4864.48	115.97	14.67	5.83	19.92	3.83	578.46	2416.47	4972.49	128.81	15.86	6.36	21.18	4.15
asian studies	132.00	54.50	369.00	23.00	0.00	0.00	2.50	0.50	132.05	56.20	377.75	24.50	0.45	0.05	2.55	0.60
linguistics	577.67	1543.00	6974.08	182.50	3.83	1.75	12.33	2.58	583.00	1581.97	7124.59	229.61	6.64	3.01	14.89	7.25
limnology	320.33	1870.42	3846.50	11.08	4.17	2.67	1.92	0.33	334.70	2104.22	4571.49	54.73	9.53	4.52	5.78	2.10
language & linguistics theory	330.00	558.50	2604.17	50.17	3.00	0.50	5.17	0.25	332.41	572.91	2658.39	86.63	5.31	1.50	7.47	4.30
literary reviews	30.50	13.00	69.50	4.50	0.00	0.00	0.00	0.00	30.50	13.00	69.50	4.50	0.00	0.00	0.00	0.00
literature	367.00	143.00	656.17	85.83	2.33	0.00	4.50	2.00	367.49	144.39	657.13	85.94	2.58	0.00	4.50	2.00
management	1539.75	6813.42	41224.17	571.50	18.00	9.33	42.50	11.17	1545.80	6880.59	41506.91	726.50	25.48	11.56	45.18	17.36
literature: african: australian: canadian	19.00	1.00	9.00	0.00	0.00	0.00	0.00	0.00	19.00	1.00	9.00	0.00	0.00	0.00	0.00	0.00
operations research & management science	1604.83	6330.98	15282.83	104.82	3.00	1.00	5.53	4.17	1612.74	6386.22	15487.20	138.41	5.26	1.70	6.33	5.80
literature: american	50.00	25.00	114.00	8.00	0.00	0.00	1.00	0.00	50.00	25.00	114.00	8.00	0.00	0.00	1.00	0.00
literature: british isles	37.67	8.50	12.83	3.00	0.00	0.00	0.00	0.00	37.67	8.50	12.83	3.00	0.00	0.00	0.00	0.00
literature: german: dutch: scandinavian	33.00	9.50	29.00	0.00	0.00	0.00	0.00	0.00	33.00	9.50	29.00	0.00	0.00	0.00	0.00	0.00
marine & freshwater biology	2151.50	10942.08	30626.17	186.00	28.83	9.50	44.42	3.00	2198.57	11668.70	32949.00	342.78	48.04	16.78	57.50	10.88
materials science: paper & wood	86.83	393.50	349.00	0.67	0.00	0.00	0.00	0.00	87.67	430.06	404.84	5.34	0.13	0.06	0.06	0.06
materials science: ceramics	1559.00	7434.00	6690.50	7.00	1.00	0.00	3.00	1.00	1564.39	7529.28	6808.60	14.63	2.23	0.95	3.44	1.58
materials science: multidisciplinary	10994.10	84112.15	88937.33	832.05	174.95	41.68	61.75	93.98	11077.14	86314.71	92001.04	1015.49	199.00	57.18	71.47	105.45
mathematics: applied	5251.83	16760.18	9671.20	85.18	3.58	1.83	14.33	3.00	5288.76	17071.12	10367.93	251.81	11.09	6.59	23.22	17.19
mathematics: interdisciplinary applications	1154.00	4269.10	4825.70	96.77	4.00	3.00	11.50	3.83	1179.96	4491.42	5450.55	369.52	15.00	5.57	40.23	19.31
mathematics	5211.83	10347.25	5370.67	85.58	15.42	0.50	2.00	3.00	5236.30	10410.22	5464.00	90.68	16.20	0.81	2.35	3.54
social sciences: mathematical methods	240.50	767.58	1789.75	46.17	3.00	0.67	1.25	0.00	251.01	910.67	2300.23	356.10	18.93	8.34	31.75	18.85

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
medical informatics	405.50	1950.38	6214.08	504.97	4.90	1.20	17.67	8.87	424.29	2196.75	6701.69	566.67	8.15	2.21	22.55	10.54
mechanics	3123.25	13234.60	14708.28	121.63	5.70	1.67	11.88	6.48	3159.31	13575.10	15244.21	168.78	11.07	6.82	13.73	9.61
medical laboratory technology	852.17	5093.33	4258.17	165.50	4.67	1.67	24.67	0.33	883.02	5600.94	4799.44	212.09	6.74	2.84	37.30	1.71
medicine: general & internal	4521.67	45388.92	41647.58	14977.67	748.25	234.08	1326.92	268.08	4776.65	49227.28	47356.24	15796.88	794.51	249.69	1390.12	294.44
metallurgy & metallurgical engineering	2594.25	9922.67	8686.83	21.83	1.33	0.33	2.83	0.83	2606.42	10052.90	8846.00	33.03	2.90	1.60	3.59	1.99
medicine: research & experimental	3381.43	34101.25	37422.95	2501.65	139.55	67.53	283.87	58.58	3686.04	39421.14	45333.35	3189.19	179.78	82.42	347.83	83.49
literature: romance	26.50	5.50	14.50	1.50	0.00	0.00	0.00	0.00	26.57	8.14	17.50	3.57	0.29	0.21	0.14	0.14
literature: slavic	56.00	8.00	10.00	0.00	0.00	0.00	0.00	0.00	56.00	8.00	10.00	0.00	0.00	0.00	0.00	0.00
materials science: biomaterials	1010.33	11787.33	14164.83	111.00	7.83	3.33	11.83	1.50	1024.47	12001.63	14557.31	129.60	11.02	5.07	13.68	3.16
materials science: characterization & testing	475.50	1371.08	1810.92	8.25	0.50	0.00	0.75	0.00	478.98	1382.42	1832.43	9.83	0.97	0.66	0.90	0.15
materials science: coatings & films	919.58	4667.33	5012.67	6.58	1.00	0.50	2.33	0.00	927.84	4982.77	5359.61	22.92	2.81	2.38	2.56	0.49
materials science: composites	787.67	4535.58	5358.92	4.25	1.00	0.00	2.25	0.00	792.23	4541.47	5363.89	4.35	1.00	0.00	2.25	0.00
materials science: textiles	224.33	1055.67	864.83	3.50	0.00	0.00	2.67	0.00	224.94	1074.38	890.85	5.11	0.13	0.00	2.67	0.00
medieval & renaissance studies	75.00	29.00	85.00	6.00	0.00	0.00	1.50	0.00	75.19	39.33	126.97	18.00	1.22	2.00	1.94	1.00
meteorology & atmospheric sciences	2879.43	23152.70	29869.18	694.95	247.62	44.12	95.42	29.17	2920.05	24158.13	31995.78	1121.42	293.01	71.92	116.07	45.21
microbiology	5710.83	49515.58	74610.50	1979.50	132.42	36.17	228.67	30.25	5948.83	53483.92	81939.51	2631.51	186.36	58.25	271.12	54.22
microscopy	368.33	1933.00	3646.67	16.83	1.00	2.00	6.00	0.00	396.56	2425.45	4545.99	63.94	4.86	4.52	10.12	0.78
mineralogy	545.83	2813.83	2889.58	13.17	0.00	0.50	2.33	0.00	555.69	3037.86	3228.08	57.14	8.05	15.04	6.21	1.22
multidisciplinary sciences	11908.00	207475.00	399314.00	46271.00	3621.00	1811.00	3140.00	2237.00	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
music	180.00	156.00	795.25	78.75	2.50	1.50	3.50	1.50	181.10	166.28	851.53	88.03	2.69	1.50	5.08	2.97
mycology	680.42	3643.67	5336.58	86.17	12.50	4.00	12.00	36.00	699.73	3900.68	5953.88	142.64	16.68	6.51	14.11	36.76
clinical neurology	5544.42	44749.75	55942.00	3434.42	155.25	56.00	576.58	37.42	5662.15	46589.76	59605.52	3916.18	183.92	70.14	612.86	62.57
neurosciences	8676.83	94014.17	200720.67	6563.17	450.08	128.75	716.83	235.75	8948.91	98341.92	210714.65	7796.26	528.27	162.11	788.98	304.87

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
nuclear science & technology	2609.92	7335.42	7718.67	61.67	1.08	0.00	5.58	0.00	2618.77	7444.30	7869.48	196.39	3.40	1.97	8.20	1.86
nursing	2025.83	5742.50	14591.08	1064.17	12.50	2.83	121.33	8.00	2030.84	5779.92	14664.67	1080.31	13.22	3.10	123.23	8.67
nutrition & dietetics	2759.50	21517.17	27304.42	6072.50	155.08	67.75	1715.33	78.67	2811.87	22207.55	28501.37	6230.13	164.85	71.92	1729.20	87.49
obstetrics & gynecology	3544.83	19142.25	20028.58	1624.00	62.42	39.58	349.42	64.75	3581.85	19620.20	20660.04	1733.78	67.43	42.63	361.42	66.77
oceanography	1415.57	9354.05	17228.53	134.08	49.83	14.42	19.00	2.58	1454.53	10052.14	19309.26	322.77	76.57	26.97	31.15	11.81
remote sensing	405.02	2875.22	5785.47	90.25	10.00	2.75	3.83	4.00	409.51	2945.34	5967.47	114.51	12.23	5.30	5.89	5.18
ophthalmology	3234.50	19200.00	20341.50	573.50	12.50	8.00	144.00	6.50	3270.86	19585.60	21260.43	658.97	16.26	10.27	150.50	10.84
optics	3848.62	18088.92	19717.97	164.80	21.08	8.50	25.00	5.25	3891.08	19275.47	21954.34	309.44	40.15	15.78	35.39	14.56
ornithology	291.00	1284.00	4392.50	71.00	5.00	5.00	8.00	1.00	304.77	1421.71	4981.29	127.00	13.17	8.73	11.78	2.87
orthopedics	2583.00	13060.75	20003.33	1322.17	17.33	7.92	236.67	14.25	2595.65	13202.33	20250.84	1350.66	19.45	10.53	239.24	16.10
otorhinolaryngology	1605.83	5836.00	6998.00	377.17	5.33	3.00	38.17	5.50	1617.65	5964.34	7250.49	406.83	6.96	3.92	39.69	6.21
paleontology	531.83	2159.33	4007.33	42.50	28.50	4.50	14.67	2.33	551.42	2483.25	5029.67	234.79	56.96	20.50	24.53	10.67
parasitology	1433.50	11547.17	17574.17	560.17	39.17	9.33	58.00	22.83	1510.25	13021.78	19878.65	777.91	59.69	19.65	75.84	34.73
pathology	2350.33	15808.67	13553.17	592.33	19.17	2.83	71.67	14.50	2477.53	17913.07	16568.97	842.20	31.76	9.39	93.79	18.72
pediatrics	4089.00	20069.33	26461.58	4144.08	165.83	65.50	910.33	61.67	4142.19	20729.02	27534.44	4317.61	174.04	69.64	930.92	70.25
pharmacology & pharmacy	8235.58	66755.58	71089.08	2642.83	130.33	25.75	481.00	32.17	8474.18	70478.02	76986.51	3157.77	164.38	39.54	520.55	46.31
philosophy	788.50	828.42	3320.00	70.75	7.25	0.00	9.00	4.42	791.06	843.66	3357.85	85.51	8.76	0.23	9.34	4.68
physics: applied	11555.95	70049.33	84480.05	1007.93	215.42	36.93	72.87	122.08	11632.18	72407.32	87971.36	1236.80	243.52	53.80	86.44	137.57
imaging science & photographic technology	290.85	1888.55	3716.13	5.45	0.00	0.75	0.83	0.00	298.50	1999.88	3993.58	40.42	3.21	3.17	3.92	2.11
physics: fluids & plasmas	2726.67	11951.85	12907.53	465.35	12.50	2.25	26.00	12.50	2761.84	12399.75	13956.40	686.51	20.54	6.50	55.94	29.75
physics: atomic: molecular & chemical	3750.08	26475.83	27509.33	764.25	17.00	5.50	96.25	14.00	3805.17	28372.32	30071.00	960.11	40.91	16.54	108.14	25.30
physics: multidisciplinary	8596.50	71888.00	68635.67	5024.17	474.67	88.67	144.17	242.67	8714.44	74806.23	73616.20	5667.05	531.24	111.20	193.18	287.96
physics: condensed matter	7679.67	58104.85	65191.75	731.52	317.42	29.43	53.83	45.58	7752.43	60614.46	68697.70	1050.43	346.84	43.45	87.51	68.04
physiology	2235.50	18683.17	24096.83	1143.83	35.50	15.50	238.50	20.00	2450.62	22026.41	31200.07	1836.63	81.03	36.46	283.52	59.99
physics: nuclear	1491.92	8991.33	3446.83	164.67	6.83	3.00	19.92	4.33	1499.57	9100.56	3668.62	247.78	13.09	7.02	22.54	7.96

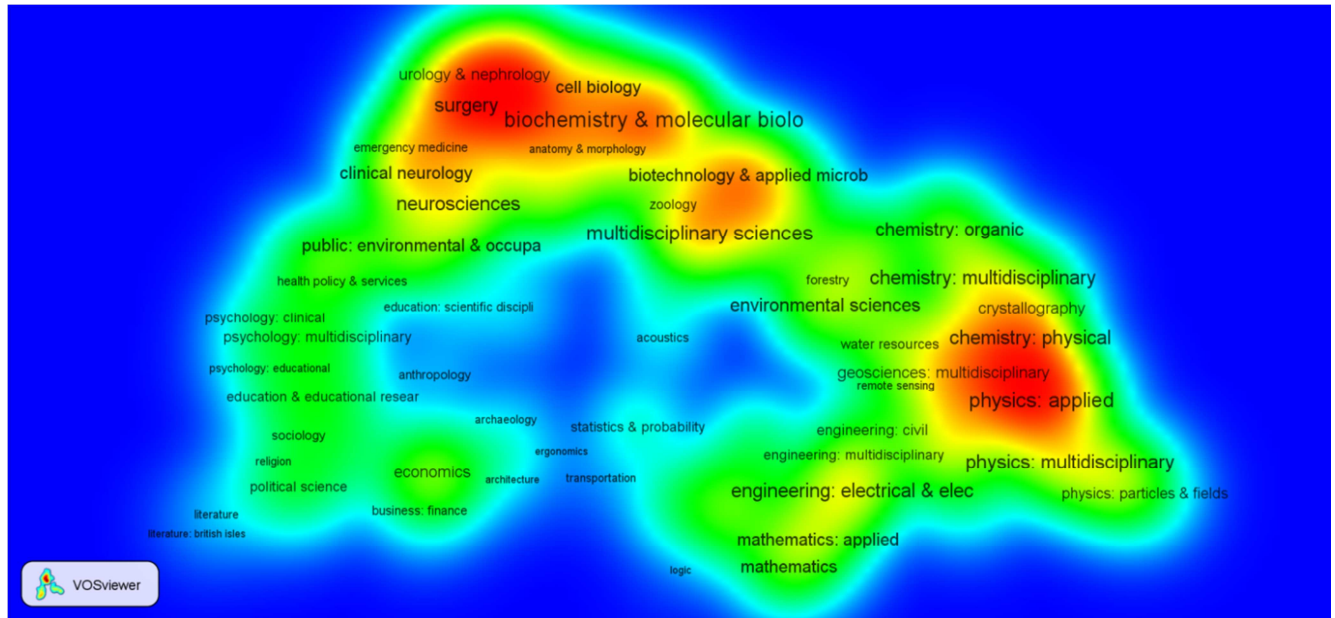
Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
physics: particles & fields	2948.50	26223.67	9550.83	791.08	89.58	8.83	69.75	37.67	2962.44	26446.17	9915.08	928.67	98.44	15.40	74.37	43.11
planning & development	487.58	1535.17	8126.67	116.33	11.75	2.83	7.67	1.67	492.16	1587.21	8325.16	153.26	14.27	3.80	9.12	2.92
physics: mathematical	2409.92	10609.93	12307.28	2843.77	37.33	4.17	65.33	96.67	2454.91	11212.39	13660.63	3097.74	51.45	14.57	102.28	116.11
poetry	14.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	14.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00
political science	1147.75	3109.83	12418.25	688.17	52.67	21.50	25.33	14.00	1151.97	3186.07	12742.08	794.83	59.41	25.09	30.27	19.43
polymer science	5139.92	36871.08	31113.42	283.17	3.83	4.58	24.75	6.25	5157.25	37300.84	31772.98	320.19	10.39	8.52	26.94	8.98
psychiatry	3478.42	29755.33	44206.08	3193.25	257.50	70.00	269.08	43.92	3539.45	30777.65	46455.24	3582.81	281.79	77.45	296.53	60.28
psychology: multidisciplinary	2524.58	17495.42	55158.08	3608.33	348.67	76.83	215.83	96.00	2592.21	18362.11	58415.67	4644.47	408.14	98.83	250.63	166.27
public administration	313.92	827.17	3486.17	89.50	2.58	2.50	4.50	3.00	315.24	841.00	3532.47	93.11	3.07	2.72	4.83	3.22
psychology: psychoanalysis	79.00	119.50	431.00	29.00	0.50	1.00	0.00	0.00	79.58	128.04	443.58	34.55	0.63	1.20	1.14	0.34
psychology: mathematical	110.42	642.67	1797.42	71.58	5.00	1.50	1.50	3.00	120.74	742.43	2248.41	224.20	14.02	2.64	5.29	18.65
psychology: experimental	1224.42	7956.92	32711.42	1131.92	123.00	27.92	49.83	56.67	1271.03	8544.40	35011.21	1765.90	155.91	37.88	71.84	99.53
radiology: nuclear medicine & medical imaging	5655.68	36764.63	51122.22	1179.20	23.83	14.67	120.58	27.83	5718.12	37613.77	53096.28	1494.35	41.80	23.39	144.99	49.55
rehabilitation	1397.58	5914.25	16621.75	811.50	15.17	3.83	124.58	3.67	1407.56	6040.48	16979.84	873.19	19.95	6.02	128.71	6.46
respiratory system	2021.17	17293.33	14745.92	912.33	27.17	4.00	163.33	6.50	2078.21	17968.38	15733.41	996.58	30.52	5.62	169.12	8.29
reproductive biology	1052.58	7630.83	7359.75	269.25	12.33	7.00	41.67	9.50	1083.69	8038.83	7952.94	337.84	16.23	9.63	48.68	10.41
rheumatology	1831.50	16106.50	14722.50	1003.00	20.00	7.50	151.00	8.50	1857.36	16476.09	15208.20	1058.29	22.00	8.38	156.01	9.97
social issues	235.15	768.07	2612.52	176.37	13.25	3.00	8.98	8.83	237.57	797.08	2701.26	221.30	15.78	3.57	10.74	12.12
psychology: social	1066.67	5892.83	25509.83	1693.33	200.83	50.17	68.50	44.33	1080.11	6069.49	26472.20	2339.96	235.47	61.78	85.12	93.89
social sciences: interdisciplinary	703.02	2149.63	8716.53	554.73	17.83	8.75	26.65	12.83	708.26	2216.76	8883.20	617.24	21.76	9.94	28.52	14.83
social sciences: biomedical	351.80	2005.93	4445.65	410.63	59.33	6.83	13.92	2.33	366.08	2173.66	4961.27	641.87	71.56	11.51	25.19	25.15
social work	431.92	1132.50	3923.83	176.17	4.08	0.83	22.00	0.00	433.16	1144.02	3954.38	185.28	4.43	1.06	22.37	0.27
sociology	1064.27	3179.47	12484.12	800.32	39.33	25.50	29.73	17.00	1075.49	3350.27	13117.43	1110.52	58.50	32.78	62.85	40.72
soil science	1023.08	6505.17	12653.08	81.50	2.00	1.00	28.00	0.00	1034.59	6710.32	13150.26	184.38	4.98	3.06	31.26	1.08

Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
spectroscopy	2343.42	10947.25	9817.58	103.08	3.42	0.50	13.25	2.00	2367.23	11389.40	10559.10	236.70	9.90	4.99	17.72	4.28
sport sciences	1689.25	11530.67	23566.92	5351.33	119.33	34.50	489.50	22.50	1710.74	11769.77	24034.28	5415.78	124.69	36.89	495.35	25.84
statistics & probability	1644.42	4855.75	8300.05	190.38	9.73	0.20	10.50	4.00	1706.06	5811.30	10785.24	567.03	39.94	11.33	30.91	18.08
surgery	9229.42	49501.33	49935.17	2578.75	87.42	25.58	311.33	13.75	9298.86	50369.87	51129.87	2684.16	93.73	29.36	322.73	19.07
telecommunications	1895.85	5177.72	8911.38	32.58	0.75	0.50	7.17	1.67	1900.45	5259.70	9091.84	153.60	3.31	1.53	32.60	12.05
theater	58.67	18.00	36.33	3.00	0.00	0.00	1.00	0.00	58.67	18.00	36.33	3.00	0.00	0.00	1.00	0.00
religion	458.50	303.50	1190.50	83.00	8.50	2.00	16.50	4.00	458.78	306.05	1196.48	83.86	8.50	2.00	16.61	4.00
toxicology	2464.08	17964.00	17850.50	1022.33	43.83	31.50	706.75	12.17	2534.78	19049.82	19493.15	1179.70	54.46	36.07	716.92	14.88
transplantation	897.83	6140.50	4400.33	233.25	7.33	1.33	13.42	0.83	921.44	6433.36	4827.73	263.93	8.70	1.79	17.52	1.29
transportation	228.75	1057.40	3890.33	50.73	2.17	2.42	0.45	0.00	229.67	1070.82	3923.73	55.52	2.46	2.48	0.54	0.09
tropical medicine	573.33	3628.67	6494.33	274.67	14.67	8.67	26.50	14.83	606.13	3981.43	7217.57	331.11	19.77	11.74	30.97	15.95
urban studies	274.63	847.00	3906.50	87.50	6.20	1.03	9.57	5.23	276.31	869.14	3977.39	95.09	6.80	1.11	9.85	5.44
urology & nephrology	3619.67	29755.33	19771.00	1660.00	61.50	17.00	185.33	12.00	3661.25	30331.28	20440.38	1728.49	66.49	19.21	192.05	13.10
veterinary sciences	2797.83	11699.75	32322.67	650.00	14.00	5.17	172.08	8.83	2841.76	12212.20	33349.74	752.08	23.98	12.34	183.47	12.37
peripheral vascular disease	2842.33	27089.58	21890.58	955.42	57.25	16.33	126.42	12.83	2930.70	28308.42	23541.75	1099.58	64.50	20.17	139.51	17.69
virology	2424.17	24679.50	27200.67	1106.50	71.83	8.33	144.33	20.00	2555.39	26937.25	30571.61	1430.56	97.81	20.06	168.72	33.84
women's studies	256.83	685.08	2441.75	173.67	6.75	5.58	11.75	2.25	258.84	700.96	2477.73	254.97	9.45	6.52	13.56	2.59
zoology	1659.00	8611.33	29644.17	446.58	85.00	50.92	60.42	7.17	1795.70	10446.44	35400.62	1093.56	153.47	90.88	100.09	47.29
mining & mineral processing	510.42	2015.17	2620.00	3.83	0.00	0.00	0.33	0.00	514.14	2031.54	2641.98	7.57	0.34	0.32	0.49	0.07
water resources	1788.32	9998.50	16516.53	56.78	9.37	5.20	10.67	1.00	1803.32	10241.63	17135.42	141.43	15.82	7.74	16.09	2.99
ethics	262.42	723.25	3687.58	181.58	13.67	0.83	7.50	4.67	264.23	742.00	3750.27	212.55	15.12	1.18	8.67	7.81
hospitality: leisure: sport & tourism	245.50	1066.00	4779.67	37.33	1.33	0.83	3.67	1.83	246.70	1077.73	4820.27	45.80	1.98	0.92	4.02	2.14
health care sciences & services	1647.92	9350.45	20784.08	2434.48	98.28	19.75	132.50	23.70	1677.91	9619.06	21318.56	2565.20	105.01	21.36	138.37	27.89
transportation science & technology	352.42	1624.23	3662.83	28.65	0.33	1.67	0.70	0.00	354.15	1636.69	3701.36	33.63	0.71	1.73	0.87	0.20
literary theory & criticism	26.83	5.00	42.33	1.50	0.00	0.00	0.00	0.50	26.83	5.00	42.33	1.50	0.00	0.00	0.00	0.50
agricultural	446.17	3979.83	7269.50	30.67	2.33	0.67	2.50	0.83	449.26	4031.70	7389.24	38.53	2.83	0.91	2.79	1.81

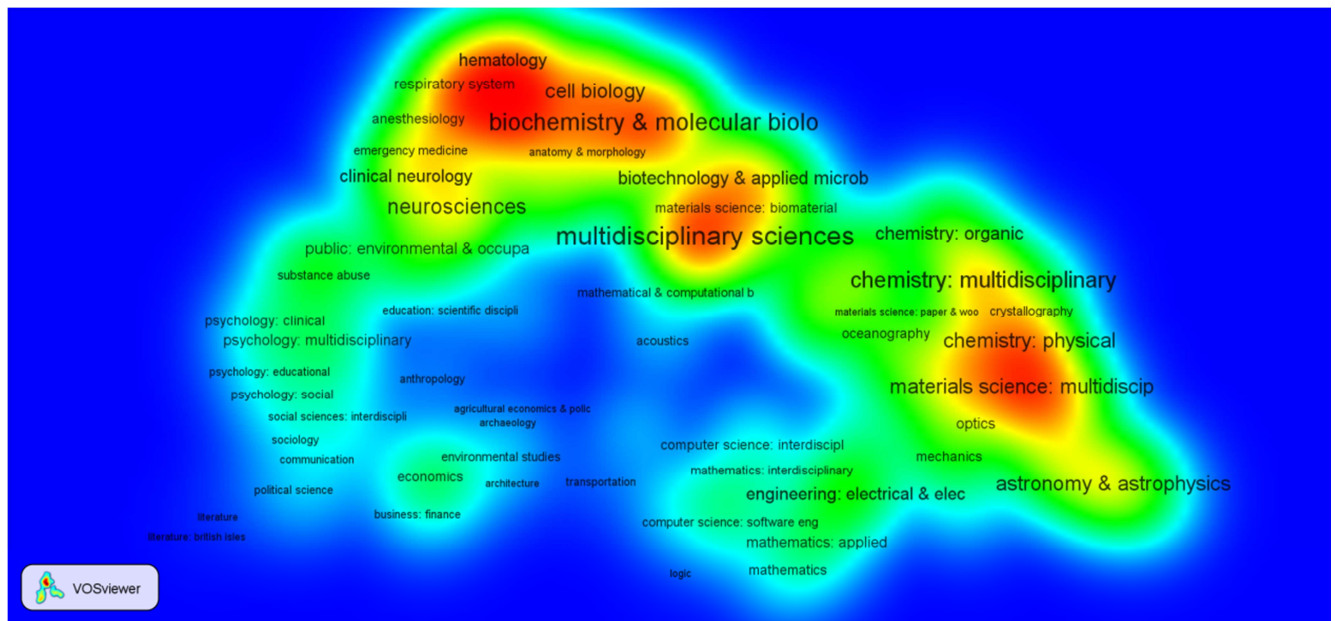
Subject category	p	tcs	trs	tts	tbs	tns	tfs	tgs	p reclas	tcs reclas	trs reclas	tts reclas	tbs reclas	tns reclas	tfs reclas	tgs reclas
engineering																
critical care medicine	956.42	9829.42	14561.00	640.50	27.75	3.92	129.92	4.25	994.95	10303.12	15242.74	707.25	30.48	5.77	135.55	6.29
mathematical & computational biology	1103.05	7352.93	25003.87	1699.02	77.57	4.03	41.50	76.33	1276.73	10307.73	32366.88	2329.05	127.03	22.75	85.53	99.88
engineering: geological	415.67	1564.00	2346.67	17.17	0.00	0.00	4.83	0.00	420.52	1574.28	2367.85	20.14	0.20	0.11	5.03	0.00
integrative & complementary medicine	467.75	1975.33	4447.50	1388.67	19.50	7.25	403.83	13.00	472.34	2029.96	4539.60	1407.48	21.46	8.63	406.42	14.03
neuroimaging	304.67	2901.83	7527.17	95.17	6.67	3.00	10.83	3.83	338.26	3353.86	8909.04	304.24	19.59	7.57	22.36	22.54
gerontology	440.83	2735.17	4286.50	260.83	14.17	4.00	27.00	3.67	450.64	2860.06	4541.39	295.64	16.90	4.85	29.89	6.59
robotics	321.67	1122.17	3858.67	12.17	2.33	2.33	1.00	0.33	324.70	1144.29	3905.92	15.41	3.27	3.22	1.05	1.03
nanoscience & nanotechnology	3226.48	37609.37	38918.40	650.58	138.03	28.00	45.62	81.73	3272.69	39381.15	41388.46	789.60	156.37	37.98	52.43	89.92
cultural studies	207.83	314.00	2154.33	127.33	9.50	1.50	4.50	1.00	208.09	314.39	2157.11	127.83	9.56	1.50	4.56	1.00
medical ethics	82.92	253.17	608.00	80.17	9.00	0.83	2.00	0.00	84.20	266.37	646.93	108.21	10.33	1.10	2.96	3.14
cell & tissue engineering	223.50	3195.53	4317.05	161.35	13.28	1.20	13.25	2.00	258.93	4072.13	5802.02	285.63	23.14	5.50	25.89	4.41
primary health care	211.17	951.17	1626.00	273.50	7.67	2.33	25.83	1.17	215.63	987.34	1684.26	292.28	8.65	2.50	26.59	1.35
audiology & speech-language pathology	439.00	1902.17	5167.08	166.50	4.00	2.75	13.83	0.83	452.31	2025.00	5564.80	219.48	6.66	4.60	16.53	2.43
logic	87.75	95.08	193.92	14.08	0.25	0.00	0.00	1.00	88.25	96.25	195.08	14.08	0.25	0.00	0.00	1.00

Appendix 3. Density figures including the 'Multidisciplinary sciences' category

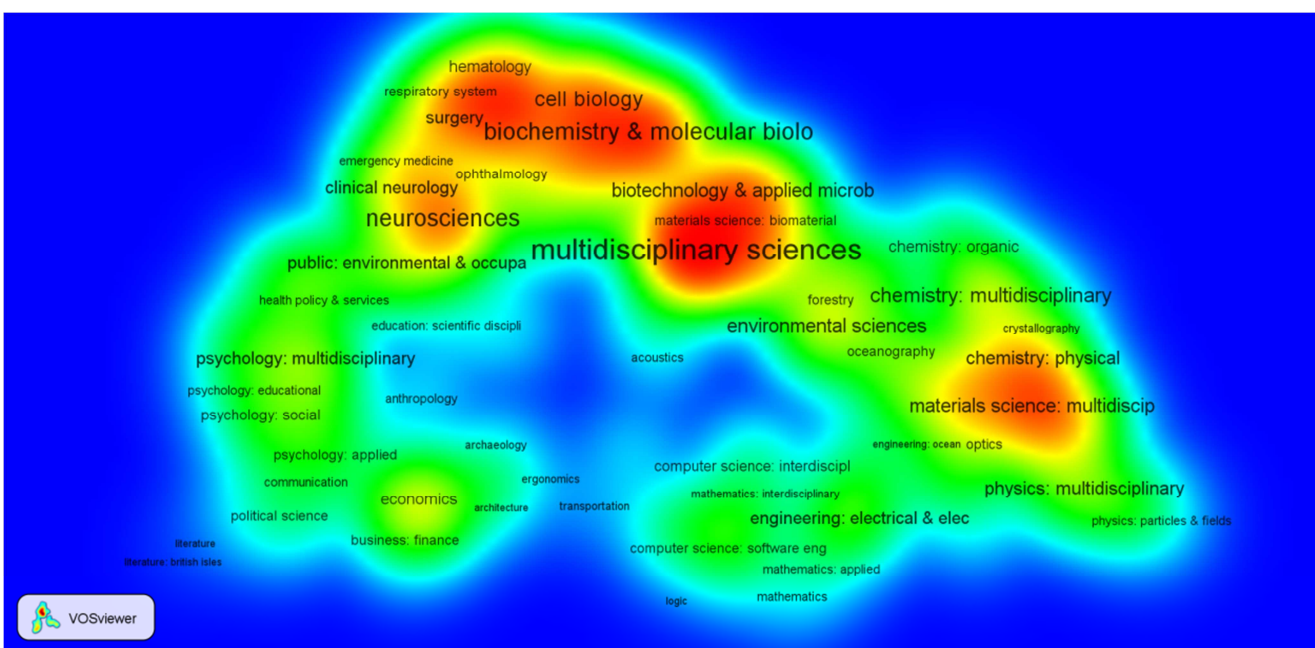
A3.1. Publications



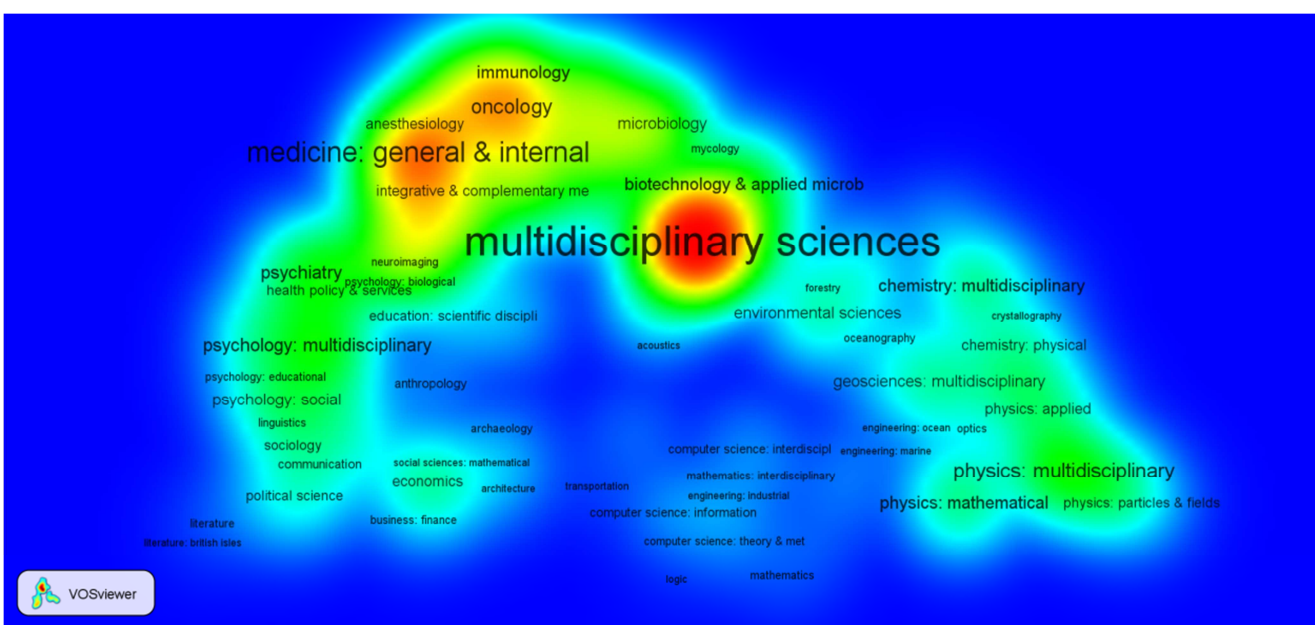
A3.2. Citations



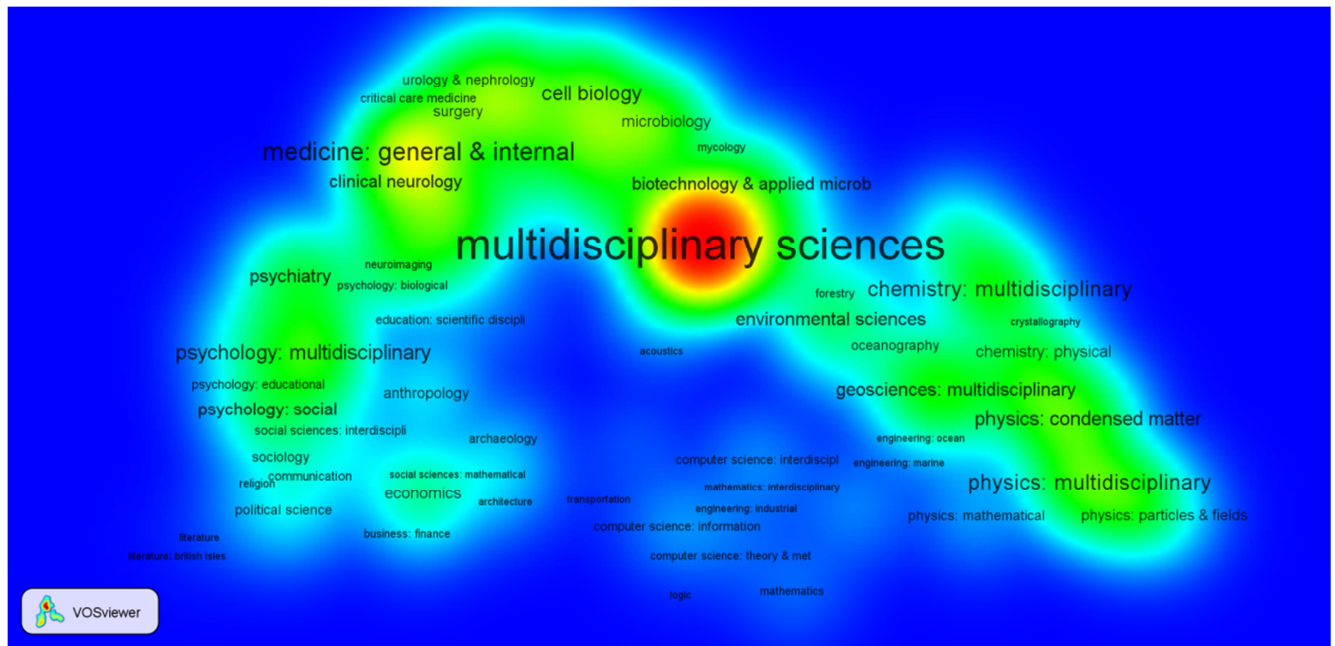
A3.3 Mendeley



A3.4 Twitter



A3.5 Blogs



A3.6 Facebook

