

# Peter J Vikesland

## List of Publications by Citations

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136  
papers

6,534  
citations

44  
h-index

78  
g-index

168  
ext. papers

7,882  
ext. citations

8  
avg, IF

6.48  
L-index

#	Paper	IF	Citations
136	Surface-enhanced Raman spectroscopy (SERS) for environmental analyses. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 7749-55	10.3	338
135	Natural, incidental, and engineered nanomaterials and their impacts on the Earth system. <i>Science</i> , <b>2019</b> , 363,	33.3	250
134	Formation of chloroform and chlorinated organics by free-chlorine-mediated oxidation of triclosan. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 3176-85	10.3	241
133	Monochloramine decay in model and distribution system waters. <i>Water Research</i> , <b>2001</b> , 35, 1766-76	12.5	232
132	DeepARG: a deep learning approach for predicting antibiotic resistance genes from metagenomic data. <i>Microbiome</i> , <b>2018</b> , 6, 23	16.6	211
131	Nanomaterial enabled biosensors for pathogen monitoring - a review. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 3656-69	10.3	208
130	Environmental science and engineering applications of nanocellulose-based nanocomposites. <i>Environmental Science: Nano</i> , <b>2014</b> , 1, 302-316	7.1	195
129	Longevity of granular iron in groundwater treatment processes: solution composition effects on reduction of organohalides and nitroaromatic compounds. <i>Environmental Science &amp; Technology</i> , <b>2003</b> , 37, 1208-18	10.3	181
128	Plasmonic colorimetric and SERS sensors for environmental analysis. <i>Environmental Science: Nano</i> , <b>2015</b> , 2, 120-135	7.1	173
127	Fractionating nanosilver: importance for determining toxicity to aquatic test organisms. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 9571-7	10.3	155
126	Toward a Comprehensive Strategy to Mitigate Dissemination of Environmental Sources of Antibiotic Resistance. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 13061-13069	10.3	144
125	C60 colloid formation in aqueous systems: effects of preparation method on size, structure, and surface charge. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 173-8	10.3	127
124	Longevity of granular iron in groundwater treatment processes: corrosion product development. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 2867-79	10.3	127
123	Formation of chloroform and other chlorinated byproducts by chlorination of triclosan-containing antibacterial products. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 2387-94	10.3	121
122	Nanosensors for water quality monitoring. <i>Nature Nanotechnology</i> , <b>2018</b> , 13, 651-660	28.7	120
121	Particle size and aggregation effects on magnetite reactivity toward carbon tetrachloride. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 5277-83	10.3	120
120	Dioxin photoproducts of triclosan and its chlorinated derivatives in sediment cores. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 4545-51	10.3	117

119	Effects of oxidation on the magnetization of nanoparticulate magnetite. <i>Langmuir</i> , <b>2010</b> , 26, 16745-53	4	113
118	Controlled evaluation of silver nanoparticle dissolution using atomic force microscopy. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 6977-84	10.3	109
117	Effect of wastewater colloids on membrane removal of antibiotic resistance genes. <i>Water Research</i> , <b>2013</b> , 47, 130-40	12.5	107
116	Aquatic photochemistry of chlorinated triclosan derivatives: potential source of polychlorodibenzo-p-dioxins. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 2555-63	3.8	100
115	Controlled evaluation of silver nanoparticle sulfidation in a full-scale wastewater treatment plant. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 8564-72	10.3	95
114	Effect of Natural Organic Matter on Monochloramine Decomposition: Pathway Elucidation through the Use of Mass and Redox Balances. <i>Environmental Science &amp; Technology</i> , <b>1998</b> , 32, 1409-1416	10.3	86
113	Release of metal impurities from carbon nanomaterials influences aquatic toxicity. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 4169-74	10.3	84
112	Nanomaterial enabled sensors for environmental contaminants. <i>Journal of Nanobiotechnology</i> , <b>2018</b> , 16, 95	9.4	77
111	Aerosol microdroplets exhibit a stable pH gradient. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 7272-7277	11.5	77
110	Surface-enhanced resonance raman spectroscopy for the rapid detection of <i>Cryptosporidium parvum</i> and <i>Giardia lamblia</i> . <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 1147-52	10.3	71
109	Differential Drivers of Antimicrobial Resistance across the World. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 916-924	24.3	70
108	Longevity of granular iron in groundwater treatment processes: changes in solute transport properties over time. <i>Journal of Contaminant Hydrology</i> , <b>2003</b> , 64, 3-33	3.9	69
107	Room temperature seed mediated growth of gold nanoparticles: mechanistic investigations and life cycle assesment. <i>Environmental Science: Nano</i> , <b>2015</b> , 2, 440-453	7.1	68
106	Iron oxide surface-catalyzed oxidation of ferrous iron by monochloramine: implications of oxide type and carbonate on reactivity. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 512-9	10.3	67
105	Lead toxicity to the performance, viability, and community composition of activated sludge microorganisms. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 824-30	10.3	66
104	Preparation and evaluation of nanocellulose-gold nanoparticle nanocomposites for SERS applications. <i>Analyst, The</i> , <b>2015</b> , 140, 5640-9	5	65
103	Effect of silver nanoparticles and antibiotics on antibiotic resistance genes in anaerobic digestion. <i>Water Environment Research</i> , <b>2013</b> , 85, 411-21	2.8	65
102	Microbial community response of nitrifying sequencing batch reactors to silver, zero-valent iron, titanium dioxide and cerium dioxide nanomaterials. <i>Water Research</i> , <b>2015</b> , 68, 87-97	12.5	62

101	Aggregation and sedimentation of magnetite nanoparticle clusters. <i>Environmental Science: Nano</i> , <b>2016</b> , 3, 567-577	7.1	62
100	Filter-feeding bivalves store and biodeposit colloiddally stable gold nanoparticles. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 6592-9	10.3	58
99	Mechanistic theory predicts the effects of temperature and humidity on inactivation of SARS-CoV-2 and other enveloped viruses. <i>ELife</i> , <b>2021</b> , 10,	8.9	55
98	Surface-Enhanced Raman Spectroscopy (SERS) Cellular Imaging of Intracellular Biosynthesized Gold Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2014</b> , 2, 1599-1608	8.3	53
97	Factors Shaping the Human Exposome in the Built Environment: Opportunities for Engineering Control. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 7759-7774	10.3	53
96	Reaction Pathways Involved in the Reduction of Monochloramine by Ferrous Iron. <i>Environmental Science &amp; Technology</i> , <b>2000</b> , 34, 83-90	10.3	52
95	Perfluorooctanoic acid degradation in the presence of Fe(III) under natural sunlight. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 262, 456-63	12.8	50
94	Halogenation of bisphenol-A, triclosan, and phenols in chlorinated waters containing iodide. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 6764-72	10.3	49
93	Triclosan reactivity in chloraminated waters. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 2615-2210.3	10.3	48
92	UV-vis spectroscopic properties of nC60 produced via extended mixing. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 9967-74	10.3	43
91	Dissolution and Persistence of Copper-Based Nanomaterials in Undersaturated Solutions with Respect to Cupric Solid Phases. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 6772-81	10.3	42
90	Moving beyond mass: the unmet need to consider dose metrics in environmental nanotoxicology studies. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 10881-2	10.3	40
89	Controlled Evaluation of the Impacts of Surface Coatings on Silver Nanoparticle Dissolution Rates. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 2726-2734	10.3	39
88	Highly stable SERS pH nanoprobles produced by co-solvent controlled AuNP aggregation. <i>Analyst, The</i> , <b>2016</b> , 141, 5159-69	5	39
87	In situ remediation of subsurface contamination: opportunities and challenges for nanotechnology and advanced materials. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 1283-1302	7.1	38
86	Drop coating deposition Raman (DCDR) for microcystin-LR identification and quantitation. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 5644-51	10.3	38
85	pH-Triggered Molecular Alignment for Reproducible SERS Detection via an AuNP/Nanocellulose Platform. <i>Scientific Reports</i> , <b>2015</b> , 5, 18131	4.9	37
84	Improved Quantitative SERS Enabled by Surface Plasmon Enhanced Elastic Light Scattering. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 3227-3237	7.8	36

83	Metagenomic analysis of microbial communities yields insight into impacts of nanoparticle design. <i>Nature Nanotechnology</i> , <b>2018</b> , 13, 253-259	28.7	36
82	Gold-coated polycarbonate membrane filter for pathogen concentration and SERS-based detection. <i>Analyst, The</i> , <b>2010</b> , 135, 1320-6	5	36
81	Life Cycle Assessment of Green Nanoparticle Synthesis Methods. <i>Environmental Engineering Science</i> , <b>2014</b> , 31, 410-420	2	35
80	Surface-Enhanced Raman Scattering Based Microfluidics for Single-Cell Analysis. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 12004-12010	7.8	35
79	Waste not want not: life cycle implications of gold recovery and recycling from nanowaste. <i>Environmental Science: Nano</i> , <b>2016</b> , 3, 1133-1143	7.1	33
78	Uptake and retention of metallic nanoparticles in the Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ). <i>Aquatic Toxicology</i> , <b>2013</b> , 140-141, 89-97	5.1	33
77	NanoARG: a web service for detecting and contextualizing antimicrobial resistance genes from nanopore-derived metagenomes. <i>Microbiome</i> , <b>2019</b> , 7, 88	16.6	32
76	Modeling the kinetics of ferrous iron oxidation by monochloramine. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 662-8	10.3	32
75	Effects of Bulk Water Chemistry on Autogenous Healing of Concrete. <i>Journal of Materials in Civil Engineering</i> , <b>2010</b> , 22, 515-524	3	31
74	Effects of carboxylic acids on nC60 aggregate formation. <i>Environmental Pollution</i> , <b>2009</b> , 157, 1072-80	9.3	31
73	Co-transport of gold nanospheres with single-walled carbon nanotubes in saturated porous media. <i>Water Research</i> , <b>2016</b> , 99, 7-15	12.5	31
72	Gold Nanoparticle Toxicity in Mice and Rats: Species Differences. <i>Toxicologic Pathology</i> , <b>2018</b> , 46, 431-443	3.1	31
71	Facile, tunable, and SERS-enhanced HEPES gold nanostars. <i>RSC Advances</i> , <b>2016</b> , 6, 29669-29673	3.7	30
70	Differentiation of microcystin, nodularin, and their component amino acids by drop-coating deposition Raman spectroscopy. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 9273-80	7.8	29
69	Optimizing blocking of nonspecific bacterial attachment to impedimetric biosensors. <i>Sensing and Bio-Sensing Research</i> , <b>2016</b> , 8, 47-54	3.3	29
68	An Environmental Science and Engineering Framework for Combating Antimicrobial Resistance. <i>Environmental Engineering Science</i> , <b>2018</b> , 35, 1005-1011	2	29
67	Nanoclustered gold honeycombs for surface-enhanced Raman scattering. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 1342-9	7.8	26
66	Identification of discriminatory antibiotic resistance genes among environmental resistomes using extremely randomized tree algorithm. <i>Microbiome</i> , <b>2019</b> , 7, 123	16.6	25

65	Protein-aided formation of triangular silver nanoprisms with enhanced SERS performance. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 4182-4190	7.3	25
64	Mechanistic theory predicts the effects of temperature and humidity on inactivation of SARS-CoV-2 and other enveloped viruses <b>2020</b> ,		24
63	Sulfate-Mediated End-to-End Assembly of Gold Nanorods. <i>Langmuir</i> , <b>2017</b> , 33, 1486-1495	4	23
62	Towards a harmonized method for the global reconnaissance of multi-class antimicrobials and other pharmaceuticals in wastewater and receiving surface waters. <i>Environment International</i> , <b>2019</b> , 124, 361-369	12.9	22
61	Real-Time Monitoring of Ligand Exchange Kinetics on Gold Nanoparticle Surfaces Enabled by Hot Spot-Normalized Surface-Enhanced Raman Scattering. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 575-585	10.3	22
60	Raman Characterization of Nanoparticle Transport in Microfluidic Paper-Based Analytical Devices (PADs). <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 9139-46	9.5	21
59	Effects of sample preservation and DNA extraction on enumeration of antibiotic resistance genes in wastewater. <i>FEMS Microbiology Ecology</i> , <b>2018</b> , 94,	4.3	21
58	Biodegradation of nanocrystalline cellulose by two environmentally-relevant consortia. <i>Water Research</i> , <b>2016</b> , 104, 137-146	12.5	21
57	Degradation of extracellular genomic, plasmid DNA and specific antibiotic resistance genes by chlorination. <i>Frontiers of Environmental Science and Engineering</i> , <b>2019</b> , 13, 1	5.8	20
56	MGITC facilitated formation of AuNP multimers. <i>Langmuir</i> , <b>2014</b> , 30, 8342-9	4	20
55	Enhanced disinfection by-product formation due to nanoparticles in wastewater treatment plant effluents. <i>Environmental Science: Water Research and Technology</i> , <b>2015</b> , 1, 823-831	4.2	18
54	ARGminer: a web platform for the crowdsourcing-based curation of antibiotic resistance genes. <i>Bioinformatics</i> , <b>2020</b> , 36, 2966-2973	7.2	18
53	Quantitative SERS by hot spot normalization - surface enhanced Rayleigh band intensity as an alternative evaluation parameter for SERS substrate performance. <i>Faraday Discussions</i> , <b>2017</b> , 205, 491-504	3.6	18
52	Applications of surface analysis in the environmental sciences: dehalogenation of chlorocarbons with zero-valent iron and iron-containing mineral surfaces. <i>Analytica Chimica Acta</i> , <b>2003</b> , 496, 301-313	6.6	16
51	Plasmonic Electronic Raman Scattering as Internal Standard for Spatial and Temporal Calibration in Quantitative Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 9543-9551	6.4	16
50	Effectiveness of switching disinfectants for nitrification control. <i>Journal - American Water Works Association</i> , <b>2008</b> , 100, 104-115	0.5	15
49	Next generation sequencing approaches to evaluate water and wastewater quality. <i>Water Research</i> , <b>2021</b> , 194, 116907	12.5	15
48	Uncontrolled variability in the extinction spectra of C60 nanoparticle suspensions. <i>Langmuir</i> , <b>2013</b> , 29, 9685-93	4	14

47	Alteration of nC60 in the presence of environmentally relevant carboxylates. <i>Langmuir</i> , <b>2012</b> , 28, 7622-30	14
46	Modeling the Decomposition of Disinfecting Residuals of Chloramine. <i>ACS Symposium Series</i> , <b>1996</b> , 115-125	14
45	Porous media-induced aggregation of protein-stabilized gold nanoparticles. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 1532-40	10.3 13
44	Surface-Enhanced Raman Spectroscopy Characterization of Salt-Induced Aggregation of Gold Nanoparticles. <i>ChemPhysChem</i> , <b>2018</b> , 19, 24-28	3.2 12
43	Stable oligonucleotide-functionalized gold nanosensors for environmental biocontaminant monitoring. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 62, 49-59	6.4 12
42	Evaluation of Metagenomic-Enabled Antibiotic Resistance Surveillance at a Conventional Wastewater Treatment Plant. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 657954	5.7 11
41	Increased coverage and high confidence in suspect screening of emerging contaminants in global environmental samples. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 414, 125369	12.8 11
40	Discriminatory Detection of ssDNA by Surface-Enhanced Raman Spectroscopy (SERS) and Tree-Based Support Vector Machine (Tr-SVM). <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9319-9328	7.8 10
39	Critical evaluation of short, long, and hybrid assembly for contextual analysis of antibiotic resistance genes in complex environmental metagenomes. <i>Scientific Reports</i> , <b>2021</b> , 11, 3753	4.9 10
38	Silver Sulfidation in Thermophilic Anaerobic Digesters and Effects on Antibiotic Resistance Genes. <i>Environmental Engineering Science</i> , <b>2016</b> , 33, 1-10	2 9
37	Analytical SERS: general discussion. <i>Faraday Discussions</i> , <b>2017</b> , 205, 561-600	3.6 9
36	Measurement of the thermal conductivity of carbon nanotube--tissue phantom composites with the hot wire probe method. <i>Annals of Biomedical Engineering</i> , <b>2011</b> , 39, 1745-58	4.7 9
35	Unraveling the riverine antibiotic resistome: The downstream fate of anthropogenic inputs. <i>Water Research</i> , <b>2021</b> , 197, 117050	12.5 9
34	Characterization of Conventional One-Step Sodium Thiosulfate Facilitated Gold Nanoparticle Synthesis. <i>Nanoscale Research Letters</i> , <b>2015</b> , 10, 940	5 8
33	Lectin-Modified Bacterial Cellulose Nanocrystals Decorated with Au Nanoparticles for Selective Detection of Bacteria Using Surface-Enhanced Raman Scattering Coupled with Machine Learning. <i>ACS Applied Nano Materials</i> , <b>2022</b> , 5, 259-268	5.6 8
32	Seizing the moment: now is the time for integrated global surveillance of antimicrobial resistance in wastewater environments. <i>Current Opinion in Microbiology</i> , <b>2021</b> , 64, 91-99	7.9 8
31	Direct Quantification of the Effect of Ammonium on Aerosol Droplet pH. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 778-787	10.3 8
30	The Aromatic Amine pKa Determines the Affinity for Citrate-Coated Gold Nanoparticles: In Situ Observation via Hot Spot-Normalized Surface-Enhanced Raman Spectroscopy. <i>Environmental Science and Technology Letters</i> , <b>2019</b> , 6, 199-204	11 7

29	Demonstrating an Integrated Antibiotic Resistance Gene Surveillance Approach in Puerto Rican Watersheds Post-Hurricane Maria. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15108-15119	10.3	7
28	Gold nanospheres and gold nanostars immobilized onto thiolated eggshell membranes as highly robust and recyclable catalysts. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 9406-9413	3.6	6
27	Insights gained into activated sludge nitrification through structural and functional profiling of microbial community response to starvation stress. <i>Environmental Science: Water Research and Technology</i> , <b>2019</b> , 5, 884-896	4.2	5
26	Implications of aspect ratio on the uptake and nanotoxicity of gold nanomaterials. <i>NanoImpact</i> , <b>2019</b> , 14, 100153	5.6	5
25	Effects of dilution on the properties of nCd. <i>Environmental Pollution</i> , <b>2013</b> , 181, 51-9	9.3	5
24	The Evolution of Environmental Engineering as a Professional Discipline. <i>Environmental Engineering Science</i> , <b>2004</b> , 21, 117-123	2	5
23	Bromide ion-functionalized nanoprobe for sensitive and reliable pH measurement by surface-enhanced Raman spectroscopy. <i>Analyst, The</i> , <b>2019</b> , 144, 7326-7335	5	5
22	Standardizing data reporting in the research community to enhance the utility of open data for SARS-CoV-2 wastewater surveillance. <i>Environmental Science: Water Research and Technology</i> , <b>2021</b> , 9,	4.2	5
21	Application of Product Studies in the Elucidation of Chloramine Reaction Pathways. <i>ACS Symposium Series</i> , <b>1996</b> , 105-114	0.4	4
20	Surface-Enhanced Raman Spectroscopy of Bacterial Metabolites for Bacterial Growth Monitoring and Diagnosis of Viral Infection. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 9119-9128	10.3	4
19	Nanobiotechnology enabled approaches for wastewater based epidemiology. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 143, 116400	14.6	4
18	Synthesis and SERS application of gold and iron oxide functionalized bacterial cellulose nanocrystals (Au@FeO@BCNCs). <i>Analyst, The</i> , <b>2020</b> , 145, 4358-4368	5	3
17	Surface catalyzed Fenton treatment of bis(2-chloroethyl) ether and bis(2-chloroethoxy) methane. <i>Chemosphere</i> , <b>2008</b> , 70, 1390-8	8.4	3
16	Addressing the contribution of indirect potable reuse to inland freshwater salinization. <i>Nature Sustainability</i> , <b>2021</b> , 4, 699-707	22.1	3
15	Data Analytics for Environmental Science and Engineering Research. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 10895-10907	10.3	3
14	Reply to Colussi: Microdroplet interfacial pH, the ongoing discussion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E7888-E7889	11.5	2
13	Long-read metagenomic sequencing reveals shifts in associations of antibiotic resistance genes with mobile genetic elements from sewage to activated sludge.. <i>Microbiome</i> , <b>2022</b> , 10, 20	16.6	2
12	Nanostructured Au-Based Surface-Enhanced Raman Scattering Substrates and Multivariate Regression for pH Sensing. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 5768-5777	5.6	2



11	Microporous Multiresonant Plasmonic Meshes by Hierarchical Micro-Nanoimprinting for Bio-Interfaced SERS Imaging and Nonlinear Nano-Optics.. <i>Small</i> , <b>2022</b> , e2106887	11	2
10	Environmental Engineering Science in the 21st Century. <i>Environmental Engineering Science</i> , <b>2017</b> , 34, 1-2	2	1
9	NanoEarth (National Center for Earth and Environmental Nanotechnology Infrastructure) <b>2018</b> , 169-192		1
8	INTRACELLULAR LOCALIZATION AND KINETICS OF UPTAKE AND CLEARANCE OF GOLD NANOPARTICLES IN PRIMARY HEPATIC CELLS. <i>Nano LIFE</i> , <b>2012</b> , 02, 1241008	0.9	1
7	Implications of the Coffee-Ring Effect on Virus Infectivity. <i>Langmuir</i> , <b>2021</b> , 37, 11260-11268	4	1
6	Life Cycle Impact Assessment of Iron Oxide (Fe <sub>3</sub> O <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> ) Nanoparticle Synthesis Routes. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2022</b> , 10, 3155-3165	8.3	1
5	Surface-enhanced Raman spectroscopy enabled evaluation of bacterial inactivation. <i>Water Research</i> , <b>2022</b> , 118668	12.5	0
4	Disinfection By-Product Formation Catalyzed by Nanoparticles in Wastewater Effluents. <i>Proceedings of the Water Environment Federation</i> , <b>2014</b> , 2014, 2294-2301		
3	Triclosan research misrepresented?. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 271A-272A; author reply 272A	10.3	
2	MetaMLP: A Fast Word Embedding Based Classifier to Profile Target Gene Databases in Metagenomic Samples. <i>Journal of Computational Biology</i> , <b>2021</b> , 28, 1063-1074	1.7	
1	A Fast Word Embedding Based Classifier to Profile Target Gene Databases in Metagenomic Samples. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 116-126	0.9	