

# Rachel C Steinhardt

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

303  
citations

1039406

9  
h-index

1058022

14  
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docs citations

14  
times ranked

469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermally expandable microspheres with high expansion ratios: Design of core and shell for largest size change. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	3
2	Micronâ€Scale Soft Actuators Fabricated from Multiâ€Shell Polystyrene Particleâ€Gold Nanoparticle Nanohybrids. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100222.	1.7	3
3	Multicomponent Bioluminescence Imaging with a Î€-Extended Luciferin. <i>Journal of the American Chemical Society</i> , 2020, 142, 14080-14089.	6.6	39
4	Small Molecule NF-ÎB Inhibitors as Immune Potentiators for Enhancement of Vaccine Adjuvants. <i>Frontiers in Immunology</i> , 2020, 11, 511513.	2.2	14
5	Increased vaccine tolerability and protection via NF-ÎB modulation. <i>Science Advances</i> , 2020, 6, .	4.7	29
6	Photon upconversion for the enhancement of microfluidic photochemical synthesis. <i>RSC Advances</i> , 2019, 9, 26172-26175.	1.7	7
7	Correlating the structure and reactivity of a contact allergen, DNCB, and its analogs to sensitization potential. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2985-2990.	1.4	1
8	Applications of Immunomodulatory Immune Synergies to Adjuvant Discovery and Vaccine Development. <i>Trends in Biotechnology</i> , 2019, 37, 373-388.	4.9	88
9	Bio-inspired counter-current multiplier for enrichment of solutes. <i>Nature Communications</i> , 2018, 9, 736.	5.8	6
10	Brominated Luciferins Are Versatile Bioluminescent Probes. <i>ChemBioChem</i> , 2017, 18, 96-100.	1.3	35
11	Surface Coating of Nanoparticles Reduces Background Inflammatory Activity while Increasing Particle Uptake and Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 206-213.	2.6	21
12	Photothermal Nanoparticle Initiation Enables Radical Polymerization and Yields Unique, Uniform Microfibers with Broad Spectrum Light. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 39034-39039.	4.0	17
13	Cooperative CO <sub>2</sub> Absorption Isotherms from a Bifunctional Guanidine and Bifunctional Alcohol. <i>ACS Central Science</i> , 2017, 3, 1271-1275.	5.3	11
14	Design and Synthesis of an Alkynyl Luciferin Analogue for Bioluminescence Imaging. <i>Chemistry - A European Journal</i> , 2016, 22, 3671-3675.	1.7	29