

# Federico De Biasi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/741042/publications.pdf>

Version: 2024-02-01

9  
papers

165  
citations

1684188

5  
h-index

1720034

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10  
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docs citations

10  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-Based Receptors Mimic Protein-Ligand Recognition. <i>CheM</i> , 2017, 3, 92-109.	11.7	74
2	Molecular Dynamics Simulation Directed Rational Design of Nanoreceptors with Targeted Affinity. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7702-7707.	13.8	31
3	Nanoparticle-Assisted NMR Spectroscopy: Enhanced Detection of Analytes by Water-Mediated Saturation Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 4870-4877.	13.7	21
4	Nanoparticle-assisted NMR spectroscopy: A chemosensing perspective. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2020, 117, 70-88.	7.5	14
5	Dynamic Origin of Chirality Transfer between Chiral Surface and Achiral Ligand in Au <sub>38</sub> Clusters. <i>ACS Nano</i> , 2019, 13, 7127-7134.	14.6	13
6	Hybrid nanoreceptors for high sensitivity detection of small molecules by NMR chemosensing. <i>Chemical Communications</i> , 2021, 57, 3002-3005.	4.1	7
7	<sup>1</sup> H NMR Chemosensing of Potassium Ions Enabled by Guest-Induced Selectivity Switch of a Gold Nanoparticle/Crown Ether Nanoreceptor. <i>ChemPlusChem</i> , 2019, 84, 1498-1502.	2.8	5
8	Molecular Dynamics Simulation Directed Rational Design of Nanoreceptors with Targeted Affinity. <i>Angewandte Chemie</i> , 2019, 131, 7784-7789.	2.0	0
9	Chromatographic NMR spectroscopy: the effect of hollow silica microspheres on magnetic field inhomogeneities and resonance lineshapes. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21383-21392.	2.8	0