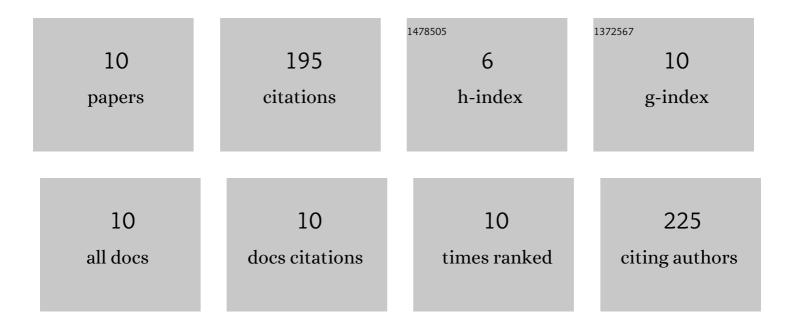
## John A Parker

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1512680/publications.pdf Version: 2024-02-01



ΙΩΗΝ Δ ΡΛΟΚΕΟ

#	Article	IF	CITATIONS
1	Crossover from positive to negative optical torque in mesoscale optical matter. Nature Communications, 2018, 9, 4897.	12.8	50
2	Selective Induction of Optical Magnetism. Nano Letters, 2017, 17, 7196-7206.	9.1	34
3	Optical matter machines: angular momentum conversion by collective modes in optically bound nanoparticle arrays. Optica, 2020, 7, 1341.	9.3	28
4	Reactive optical matter: light-induced motility in electrodynamically asymmetric nanoscale scatterers. Light: Science and Applications, 2018, 7, 105.	16.6	26
5	Controlling the Dynamics and Optical Binding of Nanoparticle Homodimers with Transverse Phase Gradients. Nano Letters, 2019, 19, 897-903.	9.1	25
6	Dynamics of the Optically Directed Assembly and Disassembly of Gold Nanoplatelet Arrays. Nano Letters, 2018, 18, 3391-3399.	9.1	20
7	Designing "Metamolecules―for Photonic Function: Reduced Backscattering. Physica Status Solidi (B): Basic Research, 2020, 257, 2000169.	1.5	4
8	Data-driven reaction coordinate discovery in overdamped and non-conservative systems: application to optical matter structural isomerization. Nature Communications, 2021, 12, 2548.	12.8	3
9	Understanding and design of non-conservative optical matter systems using Markov state models. Molecular Systems Design and Engineering, 2022, 7, 1228-1238.	3.4	3
10	Facile Measurement of the Rotation of a Single Optically Trapped Nanoparticle Using the Diagonal Ratio of a Quadrant Photodiode. ACS Photonics, 2021, 8, 3162-3172.	6.6	2