

Phototactic Flocking of Photochemical Micromotors

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Bubble-Assisted Three-Dimensional Ensemble of Nanomotors for Improved Catalytic Performance. <i>IScience</i> , 2019, 19, 760-771.	1.9	33
2	Calligraphy/Painting Based on a Bioinspired Light-Driven Micromotor with Concentration-Dependent Motion Direction Reversal and Dynamic Swarming Behavior. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40533-40542.	4.0	39
3	Self-Propelled Janus Microdimer Swimmers under a Rotating Magnetic Field. <i>Nanomaterials</i> , 2019, 9, 1672.	1.9	29
4	Active Micromotor Systems Built from Passive Particles with Biomimetic Predator-Prey Interactions. <i>ACS Nano</i> , 2020, 14, 406-414.	7.3	84
5	From Passive Inorganic Oxides to Active Matters of Micro/Nanomotors. <i>Advanced Functional Materials</i> , 2020, 30, 2003195.	7.8	33
6	Light-Induced Dynamic Control of Particle Motion in Fluid-Filled Microchannels. <i>Langmuir</i> , 2020, 36, 10022-10032.	1.6	4
7	Numerical analysis of the distribution of the electric field intensity of TiO ₂ microspheres under multidirectional UV radiation. , 2020, , .		0
8	Light-Driven Hovering of a Magnetic Microswarm in Fluid. <i>ACS Nano</i> , 2020, 14, 6990-6998.	7.3	69
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11	Medical micro/nanorobots in complex media. <i>Chemical Society Reviews</i> , 2020, 49, 8088-8112.	18.7	180
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13	Cohesive self-organization of mobile microrobotic swarms. <i>Soft Matter</i> , 2020, 16, 1996-2004.	1.2	48
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15	Coordinating an Ensemble of Chemical Micromotors via Spontaneous Synchronization. <i>ACS Nano</i> , 2020, 14, 5360-5370.	7.3	37
16	Current status of micro/nanomotors in drug delivery. <i>Journal of Drug Targeting</i> , 2021, 29, 29-45.	2.1	25
17	Trends in Micro/Nanorobotics: Materials Development, Actuation, Localization, and System Integration for Biomedical Applications. <i>Advanced Materials</i> , 2021, 33, e2002047.	11.1	256
18	Reversible Design of Dynamic Assemblies at Small Scales. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000193.	3.3	10

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19	Cooperative transport by flocking phototactic micromotors. <i>Nanoscale Advances</i> , 2021, 3, 6157-6163.	2.2	22
20	Visible Light-Driven Micromotor with Incident-Angle-Controlled Motion and Dynamic Collective Behavior. <i>Langmuir</i> , 2021, 37, 180-187.	1.6	13
21	The Encoding of Light-Driven Micro/Nanorobots: from Single to Swarming Systems. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000170.	3.3	31
22	Smart Materials for Microrobots. <i>Chemical Reviews</i> , 2022, 122, 5365-5403.	23.0	201
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24	Swarming Microdroplets to a Dexterous Micromanipulator. <i>Advanced Functional Materials</i> , 2021, 31, 2011193.	7.8	46
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62	Light-driven Au-ZnO nanorod motors for enhanced photocatalytic degradation of tetracycline. <i>Nanoscale</i> , 2022, 14, 12804-12813.	2.8	12
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74	Achieving Control in Micro/Nanomotor Mobility. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	4
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