# Van Duong Ta

List of Publications by Year
in descending order

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|---|---|---|---|
| 53<br>papers | 2,194<br>citations | 279798<br>23<br>h-index | 243625<br>44<br>g-index |
| 53<br>all docs | 53<br>docs citations | 53<br>times ranked | 2639<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Characteristics of Dye-doped Silica Nanoparticles- Based Random Lasers in the Air and Water. Communications in Physics, 2022, 32, 1. | 0.0 | 1 |
| 2 | Ultralowâ€Threshold and Highâ€Quality Whisperingâ€Galleryâ€Mode Lasing from Colloidal Core/Hybridâ€Shell Quantum Wells. Advanced Materials, 2022, 34, e2108884. | 21.0 | 28 |
| 3 | Ultralowâ€Threshold and Highâ€Quality Whisperingâ€Galleryâ€Mode Lasing from Colloidal Core/Hybridâ€Shell Quantum Wells (Adv. Mater. 13/2022). Advanced Materials, 2022, 34, . | 21.0 | 1 |
| 4 | Random lasers from the natural inverse photonic glass structure of Artemia eggshells. Journal Physics D: Applied Physics, 2022, 55, 295104. | 2.8 | 1 |
| 5 | High quality factor, protein-based microlasers from self-assembled microcracks. Journal Physics D: Applied Physics, 2021, 54, 255108. | 2.8 | 2 |
| 6 | Monodisperse and size-tunable high-quality factor microsphere biolasers. Optics Letters, 2021, 46, 2517. | 3.3 | 3 |
| 7 | Biocompatible Polymer and Protein Microspheres with Inverse Photonic Glass Structure for Random Microâ€Biolasers. Advanced Photonics Research, 2021, 2, 2100036. | 3.6 | 8 |
| 8 | Biocompatible Polymer and Protein Microspheres with Inverse Photonic Glass Structure for Random Microâ€Biolasers. Advanced Photonics Research, 2021, 2, 2170025. | 3.6 | 0 |
| 9 | Biocompatible microlasers based on polyvinyl alcohol microspheres. Optics Communications, 2020, 459, 124925. | 2.1 | 9 |
| 10 | Chicken albumen-based whispering gallery mode microlasers. Soft Matter, 2020, 16, 9069-9073. | 2.7 | 16 |
| 11 | Flexible and tensile microporous polymer fibers for wavelength-tunable random lasing. Nanoscale, 2020, 12, 12357-12363. | 5.6 | 15 |
| 12 | Egg white based biological microlasers. Journal Physics D: Applied Physics, 2020, 53, 445104. | 2.8 | 6 |
| 13 | Silica based biocompatible random lasers implantable in the skin. Optics Communications, 2020, 475, 126207. | 2.1 | 12 |
| 14 | High-quality factor, biological microsphere and microhemisphere lasers fabricated by a single solution process. Optics Communications, 2020, 465, 125647. | 2.1 | 6 |
| 15 | Microlasers Enabled by Softâ€Matter Technology. Advanced Optical Materials, 2019, 7, 1900057. | 7.3 | 29 |
| 16 | Protein-based microsphere biolasers fabricated by dehydration. Soft Matter, 2019, 15, 9721-9726. | 2.7 | 20 |
| 17 | Controllable Polarization of Lasing Emission From a Polymer Microfiber Laser. Scientific Reports, 2019, 9, 17017. | 3.3 | 10 |
| 18 | Micro electronic systems via multifunctional additive manufacturing. Rapid Prototyping Journal, 2018, 24, 752-763. | 3.2 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Biolasers: Microsphere Solidâ€State Biolasers (Advanced Optical Materials 8/2017). Advanced Optical Materials, 2017, 5, . | 7.3 | 1 |
| 20 | Robust Whispering-Gallery-Mode Microbubble Lasers from Colloidal Quantum Dots. Nano Letters, 2017, 17, 2640-2646. | 9.1 | 83 |
| 21 | Microsphere Solidâ€State Biolasers. Advanced Optical Materials, 2017, 5, 1601022. | 7.3 | 31 |
| 22 | Reconfigurable Liquid Whispering Gallery Mode Microlasers. Scientific Reports, 2016, 6, 27200. | 3.3 | 29 |
| 23 | Integration of additive manufacturing and inkjet printed electronics: a potential route to parts with embedded multifunctionality. Manufacturing Review, 2016, 3, 12. | 1.5 | 24 |
| 24 | Dynamically controlled deposition of colloidal nanoparticle suspension in evaporating drops using laser radiation. Soft Matter, 2016, 12, 4530-4536. | 2.7 | 32 |
| 25 | Laser textured surface gradients. Applied Surface Science, 2016, 371, 583-589. | 6.1 | 83 |
| 26 | Enabling Rapid Production and Mass Customisation of Electronics Using Digitally Driven Hybrid Additive Manufacturing Techniques. , 2016, , . | | 5 |
| 27 | Hybrid additive manufacturing of 3D electronic systems. Journal of Micromechanics and Microengineering, 2016, 26, 105005. | 2.6 | 41 |
| 28 | Laser textured superhydrophobic surfaces and their applications for homogeneous spot deposition. Applied Surface Science, 2016, 365, 153-159. | 6.1 | 236 |
| 29 | Multicolor lasing prints. Applied Physics Letters, 2015, 107, . | 3.3 | 47 |
| 30 | Unraveling the ultralow threshold stimulated emission from CdZnS/ZnS quantum dot and enabling highâ€Q microlasers. Laser and Photonics Reviews, 2015, 9, 507-516. | 8.7 | 44 |
| 31 | Quantum Dots: Blue Liquid Lasers from Solution of CdZnS/ZnS Ternary Alloy Quantum Dots with Quasi-Continuous Pumping (Adv. Mater. 1/2015). Advanced Materials, 2015, 27, 168-168. | 21.0 | 1 |
| 32 | Observation of polarized gain from aligned colloidal nanorods. Nanoscale, 2015, 7, 6481-6486. | 5.6 | 24 |
| 33 | Nanosecond laser textured superhydrophobic metallic surfaces and their chemical sensing applications. Applied Surface Science, 2015, 357, 248-254. | 6.1 | 298 |
| 34 | Blue Liquid Lasers from Solution of CdZnS/ZnS Ternary Alloy Quantum Dots with Quasiâ€Continuous Pumping. Advanced Materials, 2015, 27, 169-175. | 21.0 | 127 |
| 35 | Anisotropic stimulated emission from aligned CdSe/CdS dot-in-rods. , 2014, , . | | 0 |
| 36 | Multi-photon Excited Amplified Spontaneous Emission and Lasing from CdSe/CdS/ZnS quantum dots. , 2014, , . | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Lasers: Coupled Polymer Microfiber Lasers for Single Mode Operation and Enhanced Refractive Index Sensing (Advanced Optical Materials 3/2014). Advanced Optical Materials, 2014, 2, 200-200. | 7.3 | 4 |
| 38 | Flexible microresonators: lasing and sensing. , 2014, , . | | 1 |
| 39 | Stimulated Emission and Lasing from CdSe/CdS/ZnS Coreâ€Multiâ€Shell Quantum Dots by Simultaneous Threeâ€Photon Absorption. Advanced Materials, 2014, 26, 2954-2961. | 21.0 | 172 |
| 40 | Bending-Induced Bidirectional Tuning of Whispering Gallery Mode Lasing from Flexible Polymer Fibers. ACS Photonics, 2014, 1, 11-16. | 6.6 | 79 |
| 41 | Coupled Polymer Microfiber Lasers for Single Mode Operation and Enhanced Refractive Index Sensing. Advanced Optical Materials, 2014, 2, 220-225. | 7.3 | 75 |
| 42 | Exciton Localization and Optical Properties Improvement in Nanocrystal-Embedded ZnO Coreâ€“Shell Nanowires. Nano Letters, 2013, 13, 734-739. | 9.1 | 85 |
| 43 | Whispering gallery mode microlasers and refractive index sensing based on single polymer fiber. Laser and Photonics Reviews, 2013, 7, 133-139. | 8.7 | 111 |
| 44 | Multicolor Hybrid Upconversion Nanoparticles and Their Improved Performance as Luminescence Temperature Sensors Due to Energy Transfer. Small, 2013, 9, 1052-1057. | 10.0 | 75 |
| 45 | Tuning Whispering Gallery Mode Lasing from Self-Assembled Polymer Droplets. Scientific Reports, 2013, 3, 1362. | 3.3 | 116 |
| 46 | Application of self-assembled hemispherical microlasers as gas sensors. Applied Physics Letters, 2013, 102, . | 3.3 | 43 |
| 47 | Flexible optical microcavities and their sensing application. , 2013, , . | | 0 |
| 48 | Coherent Random lasing from CdSe/CdS/ZnS quantum dots. , 2013, , . | | 1 |
| 49 | Lasing From Flexible Microcavities and Their Applications. , 2013, , . | | 0 |
| 50 | Single Mode Lasing from Hybrid Hemispherical Microresonators. Scientific Reports, 2012, 2, 244. | 3.3 | 63 |
| 51 | Selfâ€Assembled Flexible Microlasers. Advanced Materials, 2012, 24, OP60-4. | 21.0 | 76 |
| 52 | Microlaser from Self-Assembled Hemispherical Resonator. , 2012, , . | | 0 |
| 53 | Wide-range coupling between surface plasmon polariton and cylindrical dielectric waveguide mode. Optics Express, 2011, 19, 13598. | 3.4 | 18 |