

# Jysoo Lee

## List of Publications by Year in descending order

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citations

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times ranked

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citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Phase Transition in the Multifractal Spectrum of Diffusion-Limited Aggregation. Physical Review Letters, 1988, 61, 2945-2948.                                 | 7.8 | 167       |
| 2  | Network model for deep bed filtration. Physics of Fluids, 2001, 13, 1076-1086.  | 4.0 | 44        |
| 3  | Exact-enumeration approach to multifractal structure for diffusion-limited aggregation. Physical Review A, 1989, 39, 6545-6556.                               | 2.5 | 43        |
| 4  | Superlattice, Rhombus, Square, and Hexagonal Standing Waves in Magnetically Driven Ferrofluid Surface. Physical Review Letters, 2000, 84, 5316-5319.          | 7.8 | 41        |
| 5  | Fractal-to-nonfractal crossover for viscous fingers. Physical Review A, 1990, 41, 4589-4592.  | 2.5 | 38        |
| 6  | Scaling behavior of granular particles in a vibrating box. Physica A: Statistical Mechanics and Its Applications, 1995, 219, 305-326.                         | 2.6 | 29        |
| 7  | Does Hard Core Interaction Change Absorbing-Type Critical Phenomena?. Physical Review Letters, 2000, 85, 1682-1685.   | 7.8 | 28        |
| 8  | Hierarchical model for the multifractality of diffusion-limited aggregation. Physical Review A, 1990, 42, 4832-4837.  | 2.5 | 20        |
| 9  | Analytic solution of the growth-site probability distribution for structural models of diffusion-limited aggregation. Physical Review A, 1992, 45, 1035-1043. | 2.5 | 15        |
| 10 | Simple model for deep bed filtration. Physical Review E, 1996, 54, 4011-4020.   | 2.1 | 15        |
| 11 | Microscopic motion of particles flowing through a porous medium. Physics of Fluids, 1999, 11, 76-87.  | 4.0 | 13        |
| 12 | Scaling of the minimum growth probability for the "atypical" diffusion-limited aggregation configuration. Physical Review Letters, 1989, 62, 3013-3013.       | 7.8 | 12        |
| 13 | Unusual spiral wave tip trajectories in a parametrically forced nonequilibrium system. Physical Review E, 2002, 65, 046207.                                   | 2.1 | 12        |
| 14 | Circular Kinks on the Surface of Granular Material Rotated in a Tilted Spinning Bucket. Physical Review Letters, 1999, 82, 4639-4642.                         | 7.8 | 10        |
| 15 | Renormalization group for viscous fingering with chemical dissolution. Physical Review Letters, 1991, 66, 616-619.  | 7.8 | 9         |
| 16 | Localization of growth sites in diffusion-limited-aggregation clusters: Multifractality and multiscaling. Physical Review E, 1993, 48, 1305-1315.             | 2.1 | 9         |
| 17 | Time-dependent behavior of granular material in a vibrating box. Physica A: Statistical Mechanics and Its Applications, 1997, 238, 129-148.                   | 2.6 | 8         |
| 18 | Subharmonic motion of particles in a vibrating tube. Physical Review E, 1998, 58, R1218-R1221.  | 2.1 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Subharmonic bifurcations of standing wave lattices in a driven ferrofluid system. Physical Review E, 2002, 65, 056222.      | 2.1 | 7         |
| 20 | Lee and Stanley reply:. Physical Review Letters, 1989, 63, 1190-1190.   | 7.8 | 5         |
| 21 | Crossover effects in chemical-dissolution phenomena: A renormalization-group study. Physical Review A, 1992, 45, 2471-2479. | 2.5 | 3         |
| 22 | Parametrically forced surface wave with a nonmonotonic dispersion relation. Physical Review E, 2003, 67, 026218.            | 2.1 | 2         |
| 23 | Is There a Phase Transition in the Multifractal Spectrum of DLA?. , 1989, , 217-226.  |     | 0         |